

# **SANYO**

# **TROUBLESHOOTING GUIDE**

## **2012 MODELS**

### **DP32642-03**

### **DP32642-04**

### **DP39842-02**

### **DP39842-03**

This guide is divided into 4 sections/pages depending on type of defect:

page 1)No Green LED Power Light.(LED never turns“ON”)

page 2)Green LED Light is “ON”, but Backlights are not “ON”,or only turn“ON & then OFF”.

page 3)Green LED Light is “ON”,and Backlights are “ON”,but there is no video/OSD.

page 4)Green LED Light turns “ON”, but turns “OFF”within 10 seconds.

Please select the section/page that matches your defect and follow the flow chart.

These models & chassis versions are in this guide:

DP32642-03

DP32642-04

DP39842-02

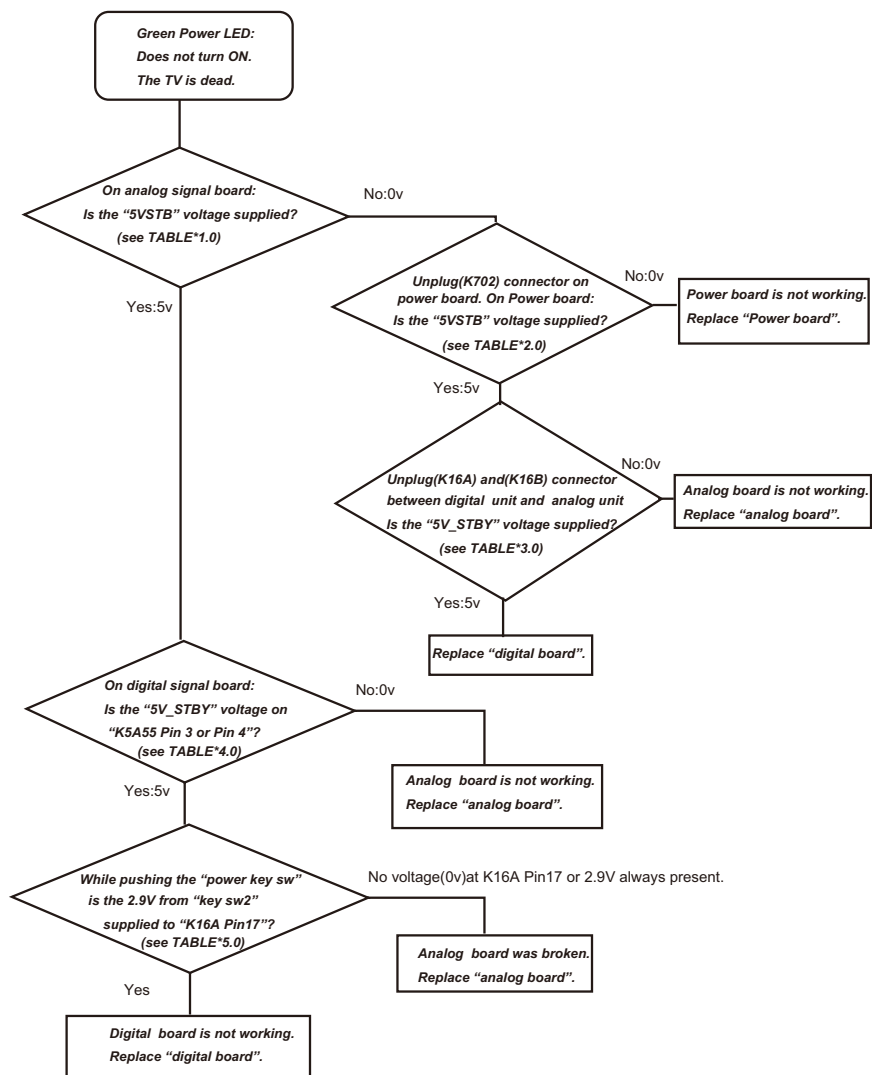
DP39842-03

**PLEASE KEEP THIS GUIDE.**

**IT WILL NOT BE PROVIDED FOR EVERY REPAIR.**

# Repair Flow Chart: Trouble Condition

## Green Power LED does not turn on. The TV is dead.



(TABLE \*1.0) Analog board:5VSTB Test Points

| 32/39" Models |      | 5VSTB on Analog board   | Confirmation Voltage |
|---------------|------|-------------------------|----------------------|
| DP32642-03    | Z6TH | Analog K17 Pin4 or Pin5 | 5V                   |
| DP32642-04    | Z6TJ |                         |                      |
| DP39842-02    | Z6SH |                         |                      |
| DP39842-03    | Z6SL |                         |                      |

(TABLE \*2.0) Power board:5VSTB Test Points

| 32/39" Models |      | 5VSTB on Power board    | Confirmation Voltage |
|---------------|------|-------------------------|----------------------|
| DP32642-03    | Z6TH | Power K702 Pin4 or Pin5 | 5V                   |
| DP32642-04    | Z6TJ |                         |                      |
| DP39842-02    | Z6SH |                         |                      |
| DP39842-03    | Z6SL |                         |                      |

(TABLE \*3.0) Digital board:5V\_STBY Test Points

| 32/39" Models |      | 5V_STBY on Analog board  | Confirmation Voltage |
|---------------|------|--------------------------|----------------------|
| DP32642-03    | Z6TH | Analog K16A Pin3 or Pin4 | 5V                   |
| DP32642-04    | Z6TJ |                          |                      |
| DP39842-02    | Z6SH |                          |                      |
| DP39842-03    | Z6SL |                          |                      |

(TABLE \*4.0)Digital board:5VSTB Test Points

| 32/39" Models |      | 5VSTB on Digital board     | Confirmation Voltage |
|---------------|------|----------------------------|----------------------|
| DP32642-03    | Z6TH | Digital K5A55 Pin3 or Pin4 | 5V                   |
| DP32642-04    | Z6TJ |                            |                      |
| DP39842-02    | Z6SH |                            |                      |
| DP39842-03    | Z6SL |                            |                      |

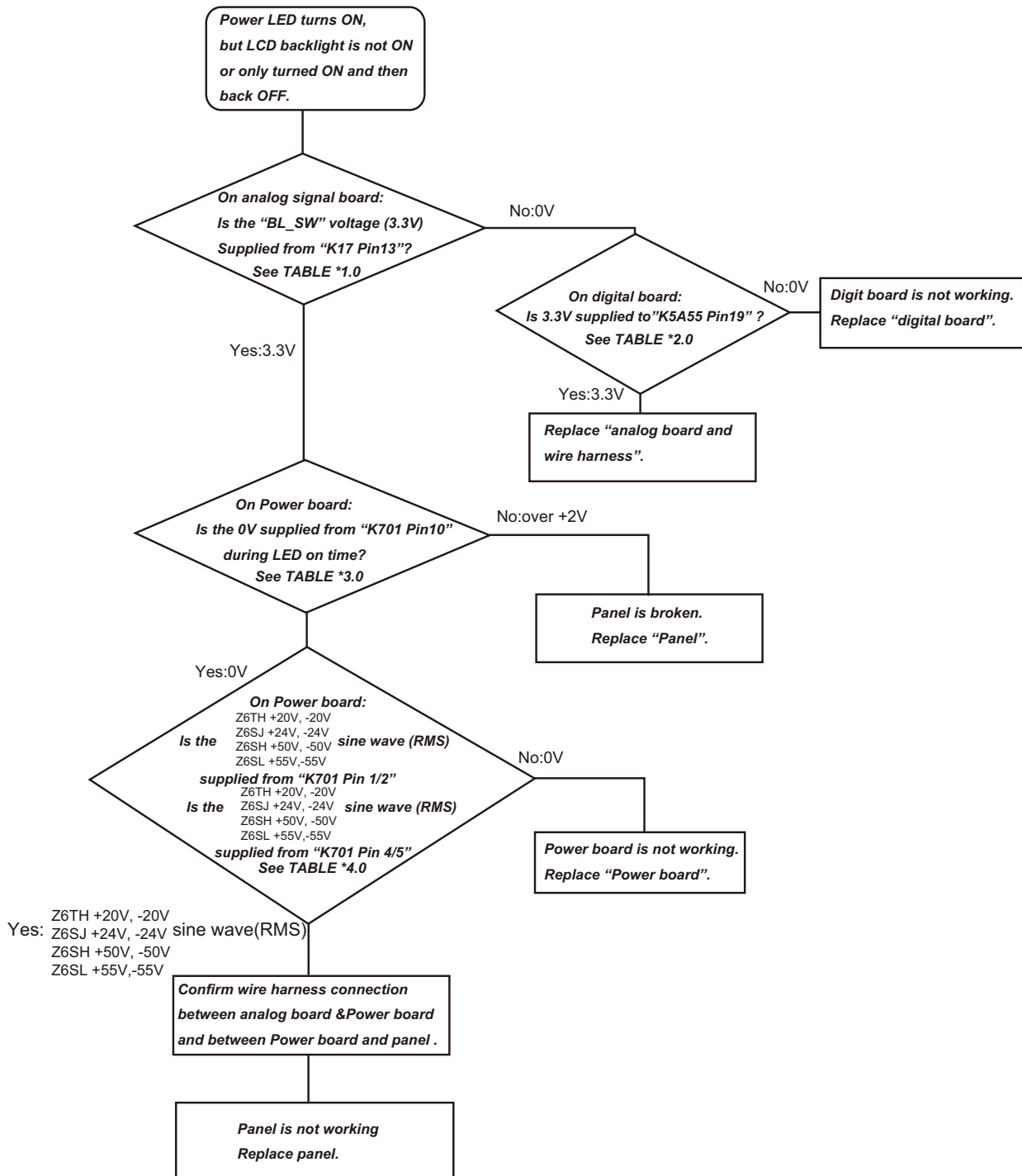
(TABLE \*5.0) Analog board: Key\_SW2 Test Points

| 32/39" Models |      | Key_SW2 on Analog board | Confirmation Voltage |
|---------------|------|-------------------------|----------------------|
| DP32642-03    | Z6TH | Analog K16A Pin17       | 2.9V                 |
| DP32642-04    | Z6TJ |                         |                      |
| DP39842-02    | Z6SH |                         |                      |
| DP39842-03    | Z6SL |                         |                      |

# Repair Flow Chart: Trouble Condition

**Green Power is on, but LCD backlights are not on.**

**Backlights do not turn on, or only turn on and back off.**



(TABLE \*1.0) Analog board: BL\_SW Test Points

| 32/39" Models |      | BL_SW on Analog board | Confirmation Voltage |
|---------------|------|-----------------------|----------------------|
| DP32642-03    | Z6TH | Analog K17 Pin13      | 3.3V                 |
| DP32642-04    | Z6TJ |                       |                      |
| DP39842-02    | Z6SH |                       |                      |
| DP39842-03    | Z6SL |                       |                      |

(TABLE \*2.0) Digital board: 3.3V Test Points

| 32/39" Models |      | BL_SW on Digital board | Confirmation Voltage |
|---------------|------|------------------------|----------------------|
| DP32642-03    | Z6TH | Digital K5A55 Pin19    | 3.3V                 |
| DP32642-04    | Z6TJ |                        |                      |
| DP39842-02    | Z6SH |                        |                      |
| DP39842-03    | Z6SL |                        |                      |

(TABLE \*3.0) Analog board: BL-SW Test Points

| 32/39" Models |      | 0V on Power board | Confirmation Voltage |
|---------------|------|-------------------|----------------------|
| DP32642-03    | Z6TH | Power K701 Pin10  | 0V                   |
| DP32642-04    | Z6TJ |                   |                      |
| DP39842-02    | Z6SH |                   |                      |
| DP39842-03    | Z6SL |                   |                      |

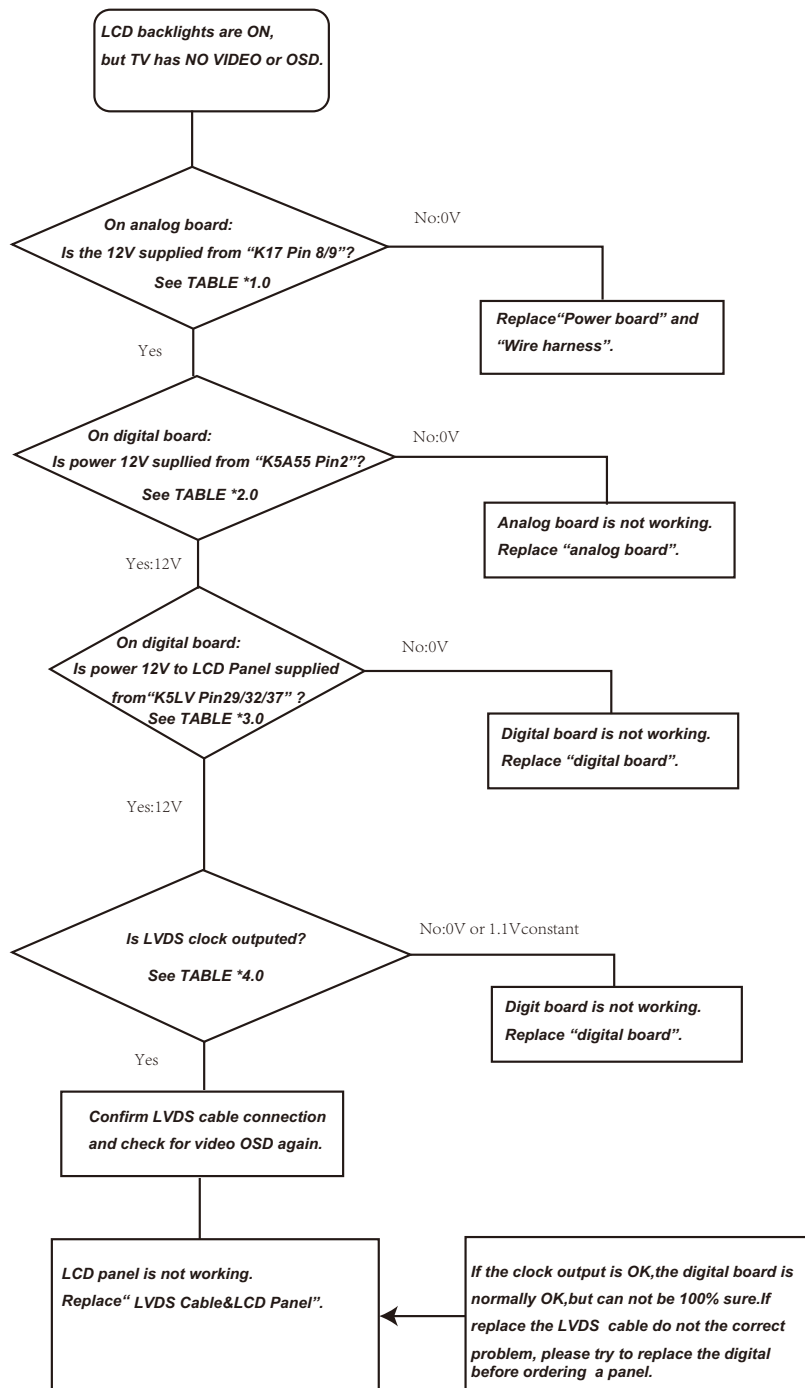
Z6TH +20V, -20V  
Z6SJ +24V, -24V  
Z6SH +50V, -50V  
Z6SL +55V, -55V

(TABLE \*4.0) Power board: Sine wave (Vp\_p) Test Points

| 32/39" Models |      | <b>Sine wave (RMS) on Power board</b>          | Confirmation Voltage       |
|---------------|------|------------------------------------------------|----------------------------|
| DP32642-03    | Z6TH | +20V, +24V, +50V, +55V Power K701 Pin1 or Pin2 | +65V, +90V, +90V Sine wave |
| DP32642-04    | Z6TJ |                                                |                            |
| DP39842-02    | Z6SH | -20V, -24V, -50V, -55V Power K701 Pin4 or Pin5 | -65V, +90V, -90V Sine wave |
| DP39842-03    | Z6SL |                                                |                            |

## Repair Flow Chart: Trouble Condition

**Green Power LED and LCD backlights are ON, but no video or OSD.**



(TABLE \*1.0)Analog board: 12V Test Points

| 32/39" Models |      | 12V on Analog board     | Confirmation Voltage |
|---------------|------|-------------------------|----------------------|
| DP32642-03    | Z6TH | Analog K17 Pin8 or Pin9 | 12V                  |
| DP32642-04    | Z6TJ |                         |                      |
| DP39842-02    | Z6SH |                         |                      |
| DP39842-03    | Z6SL |                         |                      |

(TABLE \*2.0) Digital board: 12V Test Points

| 32/39" Models |      | 12V on Digital board | Confirmation Voltage |
|---------------|------|----------------------|----------------------|
| DP32642-03    | Z6TH | Digital K5A Pin2     | 12V                  |
| DP32642-04    | Z6TJ |                      |                      |
| DP39842-02    | Z6SH |                      |                      |
| DP39842-03    | Z6SL |                      |                      |

(TABLE \*3.0) Digital board: 12V Test Points

| 32/39" Models |      | 12V on Digital board     | Confirmation Voltage |
|---------------|------|--------------------------|----------------------|
| DP32642-03    | Z6TH | Digital K5LV Pin29/33/37 | 12V                  |
| DP32642-04    | Z6TJ |                          |                      |
| DP39842-02    | Z6SH |                          |                      |
| DP39842-03    | Z6SL |                          |                      |

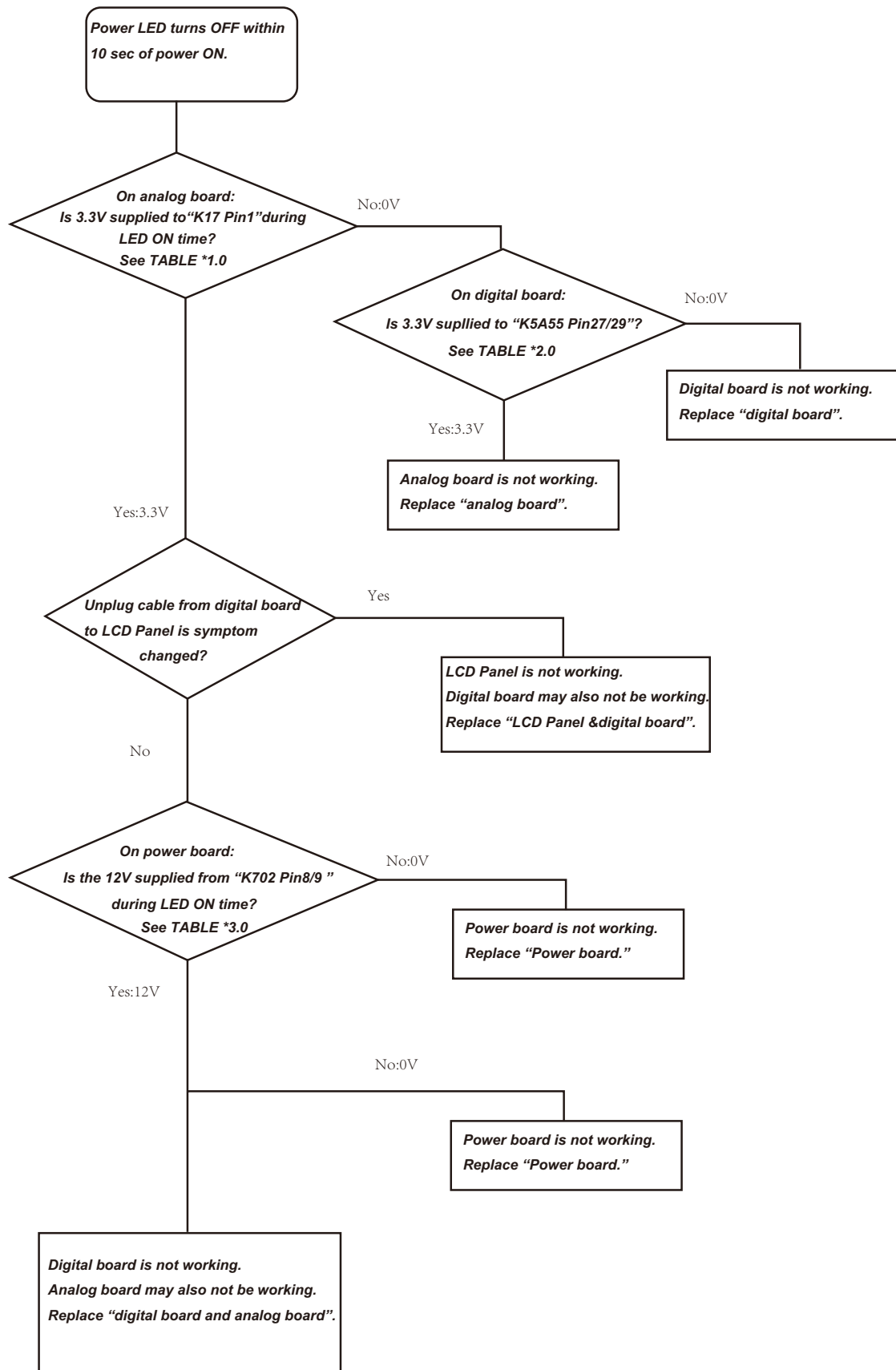
(TABLE\*4.0)Main board:"LVDS Clock"Test Points

| 32/39" Models |      | LVDS Clock on Digital board |  |
|---------------|------|-----------------------------|--|
| DP32642-03    | Z6TH | K5LV Pin6/26 clock+         |  |
| DP32642-04    | Z6TJ | K5LV Pin8/28 clock-         |  |
| DP39842-02    | Z6SH |                             |  |
| DP39842-03    | Z6SL |                             |  |

Note:The bandwidth of the oscilloscope and probe must be at least 100MHZ or higher to check if the clock pulse exists.

## Repair Flow Chart: Trouble Condition

### Power LED turns OFF within 10 sec of power ON.





(TABLE \*1.0) Analog board: 3.3V Test Points

| 32/39" Models |      | Power_ON on Analog board | Confirmation Voltage |
|---------------|------|--------------------------|----------------------|
| DP32642-03    | Z6TH | Analog K17 Pin1          | 2.9V                 |
| DP32642-04    | Z6TJ |                          |                      |
| DP39842-02    | Z6SH |                          |                      |
| DP39842-03    | Z6SL |                          |                      |

(TABLE \*2.0) Digital board: 3.3V Test Points

| 32/39" Models |      | 3.3V on Digital board  | Confirmation Voltage |
|---------------|------|------------------------|----------------------|
| DP32642-03    | Z6TH | Digital K5A55 Pin27/29 | 3.3V                 |
| DP32642-04    | Z6TJ |                        |                      |
| DP39842-02    | Z6SH |                        |                      |
| DP39842-03    | Z6SL |                        |                      |

(TABLE \*3.0) Power board: 12V Test Points

| 32/39" Models |      | 12V on Power board      | Confirmation Voltage |
|---------------|------|-------------------------|----------------------|
| DP32642-03    | Z6TH | Power K702 Pin8 or pin9 | 12V                  |
| DP32642-04    | Z6TJ |                         |                      |
| DP39842-02    | Z6SH |                         |                      |
| DP39842-03    | Z6SL |                         |                      |



FILE No.

## SERVICE MANUAL

## Remote Control Digital Color Television

**DP32642**  
(U.S.A.) (CANADA)  
ORIGINAL VERSION



**Chassis No. P32642-04**

**NOTE:** Match the Chassis No. on the unit's back cover with the Chassis No. in the Service Manual.

**If the Original Version Service Manual Chassis No. does not match the unit's,** additional Service Literature is required. You **must** refer to "Notices" to the Original Service Manual prior to servicing the unit.

**Servicing should be performed by only trained and qualified service personnel.**

### Contents

|                                             |    |
|---------------------------------------------|----|
| SAFETY INSTRUCTIONS .....                   | 2  |
| SERVICE ADJUSTMENTS .....                   | 3  |
| ON-SCREEN SERVICE MENU .....                | 4  |
| POWER FAILURE CIRCUIT .....                 | 5  |
| MECHANICAL DISASSEMBLY .....                | 6  |
| CHASSIS ELECTRICAL PARTS LIST .....         | 9  |
| COMPONENT AND TEST POINT LOCATIONS .....    | 27 |
| BLOCK DIAGRAM POWER LINES .....             | 30 |
| BLOCK DIAGRAM SIGNAL LINES .....            | 31 |
| IC BLOCK DIAGRAMS .....                     | 32 |
| TROUBLESHOOTING FLOW CHARTS .....           | 36 |
| SCHEMATIC NOTES .....                       | 39 |
| IC, DIODE, AND TRANSISTOR PIN LAYOUTS ..... | 40 |
| PC BOARD CONNECTIONS AND LOCATIONS .....    | 41 |
| CAPACITOR AND RESISTOR CODE CHART .....     | 42 |
| SCHEMATIC DIAGRAMS .....                    | 43 |

### Specifications

|                               |                                                                                |
|-------------------------------|--------------------------------------------------------------------------------|
| POWER RATING .....            | 120VAC<br>95 W (AVG.)                                                          |
| ANTENNA INPUT IMPEDANCE ..... | 75Ω<br>UHF/VHF/CATV<br>DIGITAL                                                 |
| RECEIVING CHANNEL .....       | 2 - 13 (VHF),<br>14 - 69 (UHF),<br>01, 14-94, 95-135 (CATV)<br>1-135 (DIGITAL) |
| REMOTE READY .....            | 32 KEY REMOTE CONTROL                                                          |
| SOUND OUTPUT .....            | 5.0 W/CH                                                                       |
| INTERMEDIATE FREQUENCY        |                                                                                |
| PICTURE IF CARRIER .....      | 45.75MHz                                                                       |
| SOUND IF CARRIER .....        | 41.25MHz                                                                       |
| COLOR SUB CARRIER .....       | 42.17MHz                                                                       |
| CABINET DIMENSIONS            |                                                                                |
| WIDTH .....                   | 795mm                                                                          |
| HEIGHT .....                  | 549mm                                                                          |
| DEPTH INCLUDING BASE .....    | 231mm                                                                          |

# SAFETY INSTRUCTIONS

## SAFETY PRECAUTIONS

**WARNING:** The chassis of this receiver has a floating ground with the potential of one half the AC line voltage in respect to earth ground. Service should not be attempted by anyone not familiar with the precautions necessary when working on this type of equipment.

*The following precautions must be observed:*

1. An isolation transformer must be connected in the power line between the receiver and the AC line before any service is performed on the receiver.
2. Comply with all caution and safety-related notes provided inside the cabinet, on the chassis, and on the back.
3. When replacing a chassis in the cabinet, always be certain that all the protective devices are installed properly, such as control knobs, adjustment covers, shields and barriers.
4. Before replacing the back cover of the set, thoroughly inspect the inside of the cabinet to see that no stray parts or tools have been left inside.

Before returning any television to the customer, the service technician must perform the following safety checks to be sure that the unit is completely safe to operate without danger of electrical shock.

## ANTENNA COLD CHECK

Remove AC plug from the 120 VAC outlet and place a jumper across the two blades. Connect one lead of an ohmmeter to the jumpered AC plug, and touch the other lead to each exposed antenna terminal (UHF and VHF antenna terminals). The resistance must measure between 1M ohm and 5.2M ohm. Any resistance value below or above this range indicates an abnormality which requires corrective action.

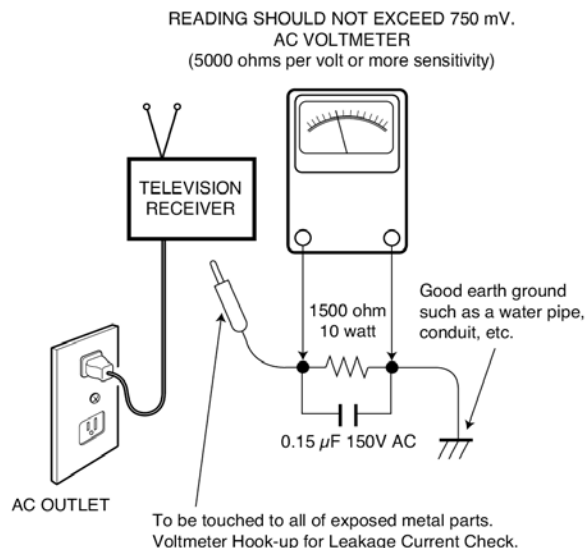
## LEAKAGE CURRENT CHECK

Plug the AC line cord directly into a 120 VAC outlet. (Do not use an isolation transformer for this check.) Use an AC voltmeter, that has 5000 ohms per volt or more sensitivity. Connect a 1500 ohm 10 watt resistor, paralleled by a 0.15  $\mu$ F 150 VAC capacitor, between a known good earth ground (water pipe, conduit, etc.) and all exposed metal parts of the cabinet (antennas, handle bracket, metal cabinet, screw heads, metal overlays, control shafts, etc.). Measure the AC voltage across the 1500 ohm resistor. The AC voltage should not exceed 750 mV. A reading exceeding 750 mV indicates that a dangerous potential exists. The fault must be located and corrected. Repeat the above test with the receiver power plug reversed.

**NEVER RETURN A RECEIVER TO THE CUSTOMER WITHOUT TAKING THE NECESSARY CORRECTIVE ACTION.**

## PRODUCT SAFETY NOTICE

When replacing components in a receiver, always keep in mind the necessary product safety precautions. Pay special attention to the replacement of components marked with a ⚠ in the parts list and in the schematic diagrams. To ensure safe product operation, it is necessary to replace those components with the exact same PARTS.



## SERVICING ELECTROSTATICALLY SENSITIVE DEVICES

Semiconductors (solid-state devices) that can be damaged by static electricity are referred to as Electrostatically Sensitive (ES) devices. Examples of typical ES devices are: Integrated Circuits (IC), Field-Effect Transistors (FET), and "chip" components. The following techniques should be observed strictly, to reduce the occurrence of semiconductor damage due to electrostatic discharge.

1. Immediately prior to handling any semiconductor component or an assembly containing a semiconductor device or devices, discharge the electrostatic buildup on your body by touching a known earth ground. You may also obtain and wear a commercially available discharging wrist strap device.

**CAUTION:** Be sure to remove the wrist strap before applying power to any unit being serviced.

2. After removing an ES equipped assembly, place it on a conductive surface, such as, aluminum foil, to prevent buildup or exposure to static electricity.
3. Use only grounded-tip soldering irons to solder or unsolder ES devices.
4. Use only anti-static solder removal devices. Some suction-type devices can generate static electricity adequate to damage ES devices.
5. A replacement ES device will come packaged in protective material (conductive foam, aluminum foil, or some comparable conductive material). Do Not remove an ES device from its protective packaging unless you are prepared to install it immediately.
6. Precisely prior to removing an ES device from its protective packaging, touch the protective packaging to the chassis or assembly in which the device will be installed.

**CAUTION:** Be sure that no power is applied to the chassis or circuit assembly.

7. Incidental body movements, such as, lifting a foot from a carpeted floor or the rubbing of fabric together can generate static electricity sufficient to damage ES devices. Therefore, minimize all body movements while handling exposed (unpacked) ES devices.

# SERVICE ADJUSTMENTS

## GENERAL

This set has an On-screen Service Menu system included in the CPU that allows remote operation for most of the service adjustments.

## ON-SCREEN SERVICE MENU SYSTEM

### -TV Service Mode:

1. Press RC key "INPUT" for 5 (five) seconds, input list OSD will appear on-screen.
2. Press RC number keys "0", "1", "2", and "3".

### -DM Service Mode:

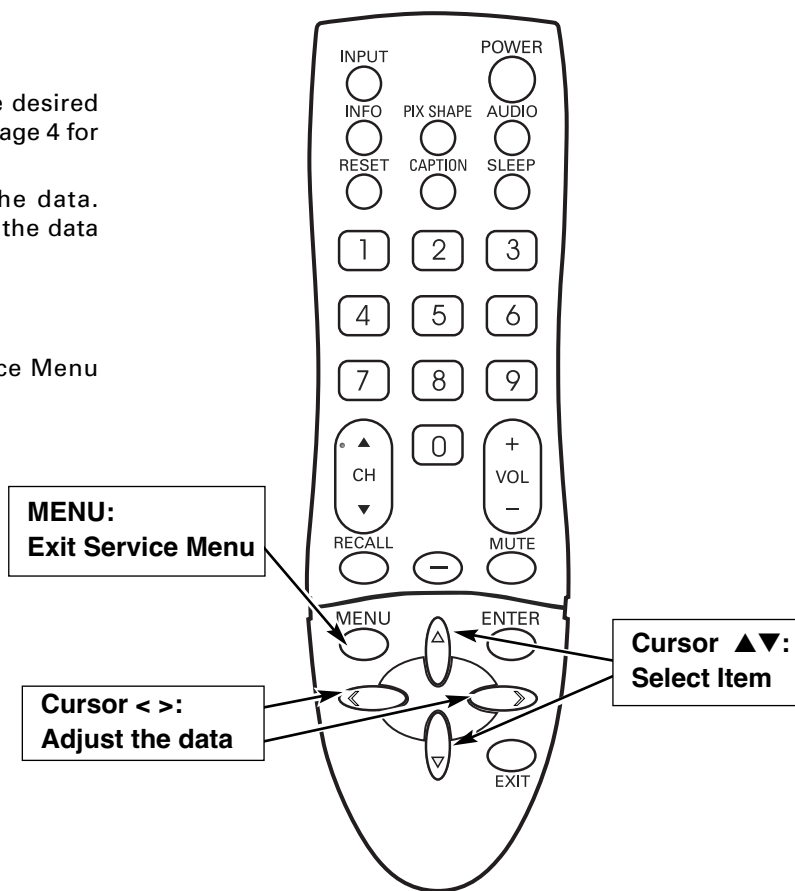
1. Press RC key "INPUT" for 5 (five) seconds, input list OSD will appear on-screen.
2. Press RC number keys "0", "4", "5", and "6".

### For Menu navigation:

- Press the Cursor ▲ and ▼ key to select the desired service menu item you want to adjust. See page 4 for the On-screen Service Menu.
- Use the Cursor ◀ or ▶ key to adjust the data. The ◀ or ▶ key will increase or decrease the data sequentially.

### To Exit from the Service Menu:

- Press the **MENU** key to turn off the Service Menu display.



# ON-SCREEN SERVICE MENU

## Table 1. ON-SCREEN SERVICE MENU

When IC5750 (Flash Memory) is replaced, check the bus data to confirm they are the same as below. See page 3 for On-Screen Service Menu access and adjustments.

| Index | ParameterName | Value | Min | Max |
|-------|---------------|-------|-----|-----|
| 02    | OP1           | 00h   | 0   | 255 |
| 03    | OP2           | 09h   | 0   | 255 |

NOTES: Option 2 Data (Display Panel)

Option 1 and Option 2 data is initial and can be set according to adjustment information.

## PROGRAM CODES

The microprocessor used in this model is a multi-purpose type and is used in several different models. To ensure proper operation and the correct features for your particular model, the program codes must be correct.

**Note 1. Option Data 1 (Index 02) should be hexadecimal 00.**

See Index 02 above. If this program code is wrong the TV will not operate properly.

**Note 2. Option Data 2 (Index 03) should be hexadecimal 09.**

See Index 03 above. If this program code is wrong the TV will not operate properly.

# POWER FAILURE CIRCUIT

Internal sub\_CPU on main IC 5500 is programmed so the set will go to standby mode when there is circuit failure as described below. (Refer to "Block Diagram Power Lines".)

This unit is equipped with a Power Failure Detector function included in the sub\_CPU which checks for an abnormal condition in the chassis power supplies.

If, while the power is on, a failure is caused by any of the following that results in a low voltage supply, the sub\_CPU will turn the unit off in 1.5 seconds to prevent further damage:

- Failure within the power supply circuits.
- A short circuit in the load side from the supply.

**Power Failure:** Detected voltage failure for circuit.  
(Connected to IC5500 pin 234.)

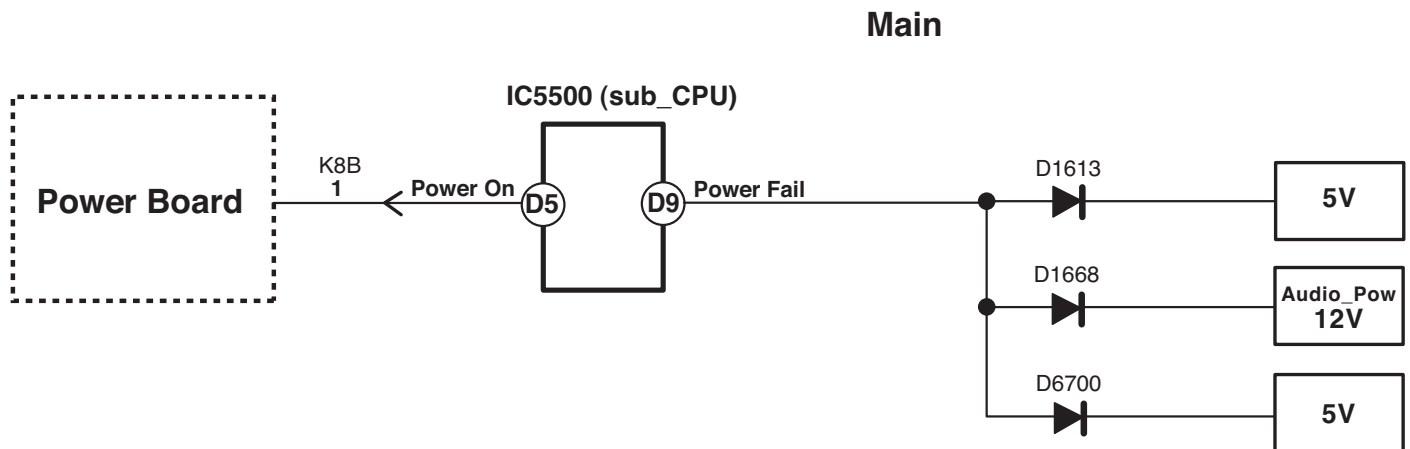
**(Normal: High; Failure: Low)**

If, while the power is off, the power is switched on and any of these failures remains uncorrected, the sub\_CPU will shut off the power within three seconds.

*Check the following if the unit is turned off by the power failure detector.*

1. Disconnect the AC power cord (120V AC line) for a short time.
2. Connect a DC Voltmeter to the circuits shown below.
3. Press the Power key and check for the proper voltage supplies.
4. If any of these voltages is low, the power failure detector should turn the unit off within three seconds.
5. Check all circuits shown below.

**Note:** If power failure is detected 3 times in 15 minutes, the set will enter the standby mode and cannot be switched On. To reset the operating programs of the sub\_CPU it is necessary to disconnect the AC cord for a short time.



# MECHANICAL DISASSEMBLY

## CAUTION:

This LCD TV uses several different kinds of screws. Using the correct screw is necessary to prevent damage. Lead wires must be redressed to their previous locations after servicing. The Earth sheet and gasket are provided to prevent interference to other radio and television receivers. The Earth sheet and gasket should be returned to its previous position after servicing.

## STAND BASE REMOVAL

Position TV face down on a padded or cushioned surface to protect the screen and finish.

Remove 4 screws (A:6X12) and remove the stand base from the TV.

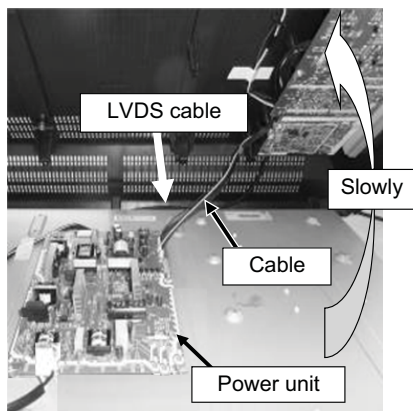
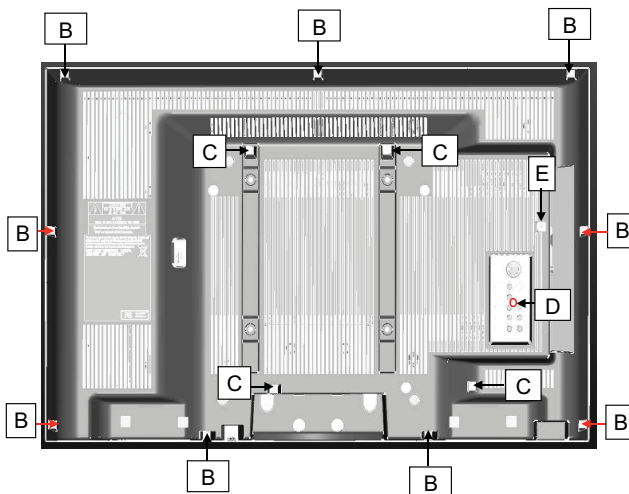
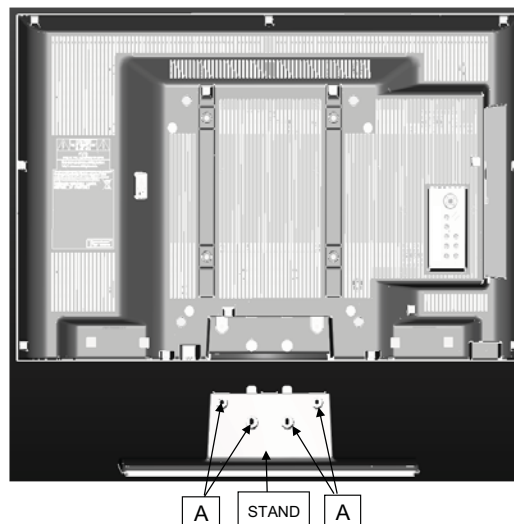
## BACK CABINET REMOVAL

### - CAUTION -

When the cabinet back is opened without following the procedure, the connector of LVDS and the power board might be damaged.

1. Remove 15 screws to take the back cabinet off.  
(B:3x10, 9 pcs.; C:4x8, 4 pcs.; D:3x10, 1pc.; E:3x6, 1pc.)
2. Detach AC cord from cabinet back.
3. Open the cabinet back from bottom side SLOWLY.  
(Distance = 100 mm)
4. Remove cable from Power unit.
5. Open cabinet back more from bottom side.  
(Distance = 200 mm)
6. Remove LVDS cable from Panel.
7. Detach cabinet back.

NOTE: Board and speaker are installed in cabinet back.



## MECHANICAL DISASSEMBLY (Continued)

### POWER UNIT REMOVAL

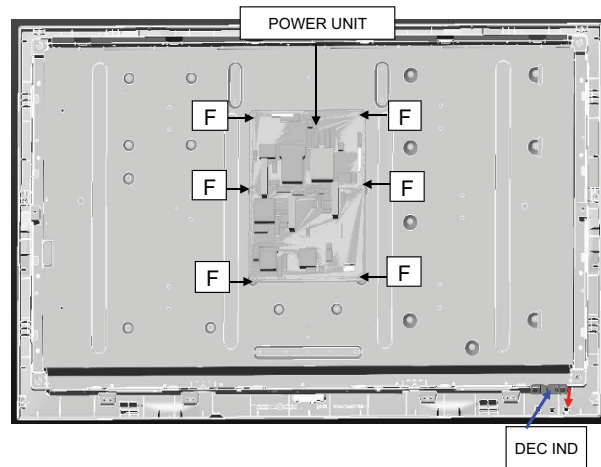
Remove 6 screws (F:3x6) to take the power unit off.

### DEC IND REMOVAL

Remove the dec ind.

### LCD PANEL REMOVAL

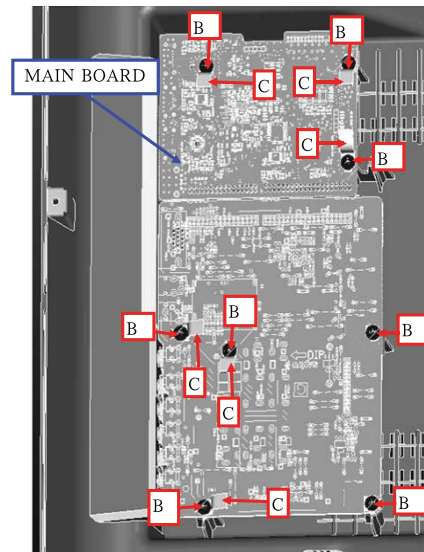
Lift up the LCD panel from front cabinet.



### MAIN (DIGITAL) BOARD REMOVAL

Remove 8 screws (B:3x10) and 6 pcs. of earth sheet C to take the main (digital) board off.

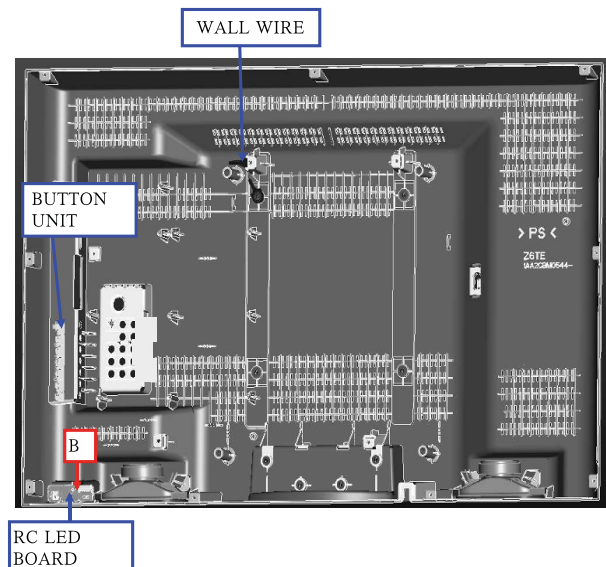
**ATTENTION** – The earth sheet should be returned to its previous position after servicing.



### BUTTON UNIT REMOVAL AND RC LED BOARD REMOVAL

Remove the button unit and 1 screw (B:3x6) to take the RC LED board off.

**ATTENTION** – Confirm that mounting wall wire is installed when install the back cabinet.



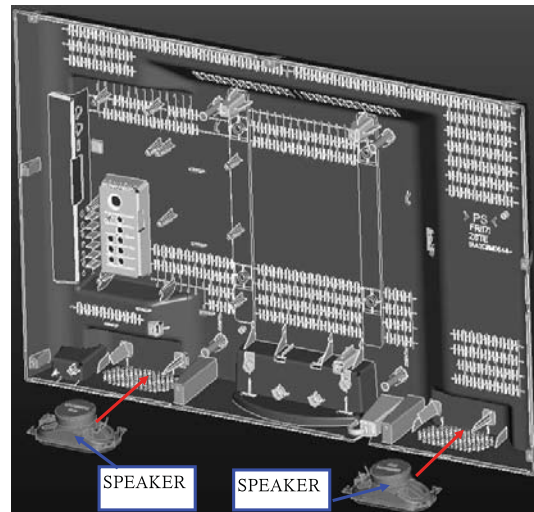


## MECHANICAL DISASSEMBLY (Continued)

### SPEAKER REMOVAL

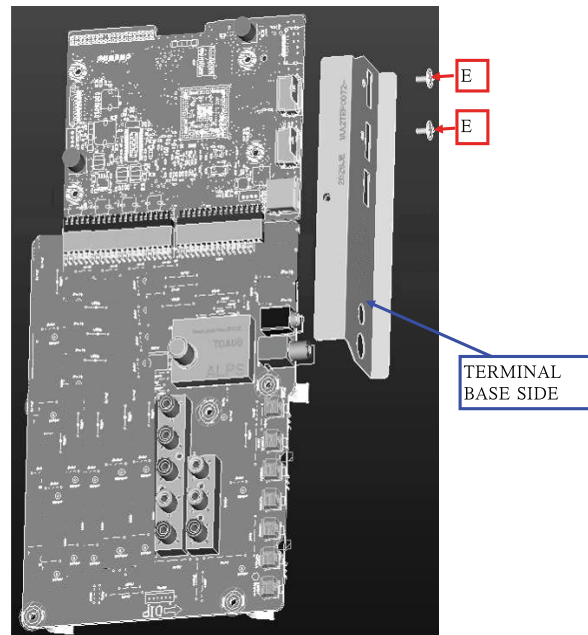
No screws.

Take away each speaker from Front Cabinet directly.



### TERMINAL BASE SIDE REMOVAL

Remove 2 screws (E:3x6) to take the Terminal Base side off.



#### ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

# CHASSIS ELECTRICAL PARTS LIST

**CAUTION:** To Protect against electrical shock and for continued product safety, refer to SAFETY PRECAUTIONS and PRODUCT SAFETY NOTICE on Page 2

## PRODUCT SAFETY NOTICE

PRODUCT SAFETY SHOULD BE CONSIDERED WHEN A REPLACEMENT IS MADE IN ANY AREA OF A RECEIVER. COMPONENTS INDICATED BY A  $\Delta$  IN THIS PARTS LIST AND THE SCHEMATIC DIAGRAM DESIGNATE COMPONENTS IN WHICH SAFETY CAN BE OF SPECIAL SIGNIFICANCE. IT IS PARTICULARLY RECOMMENDED THAT ONLY PARTS DESIGNATED ON THE FOLLOWING PARTS LIST BE USED FOR COMPONENT REPLACEMENT DESIGNATED BY A  $\Delta$ . NO DEVIATIONS FROM RESISTANCE, WATTAGE, AND VOLTAGE RATINGS MAY BE MADE FOR REPLACEMENT ITEMS DESIGNATED BY A  $\Delta$ .

Note: Schematic part location numbers may not always match with the part descriptions.  
The part descriptions are correct and should be used.

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

## CAPACITORS

NOTES:

Read **Description** of the Capacitor as follows:  
(Example)

|         |      |   |                                                                                |
|---------|------|---|--------------------------------------------------------------------------------|
| CERAMIC | 100P | K | 50V                                                                            |
|         |      |   | Rated Voltage                                                                  |
|         |      |   | Tolerance Symbols:<br>Less than 10pF                                           |
|         |      |   | A : Not specified B : $\pm 0.1\text{pF}$ C : $\pm 0.25\text{pF}$               |
|         |      |   | D : $\pm 0.5\text{pF}$ E : $+0-1\text{pF}$ F : $\pm 1\text{pF}$                |
|         |      |   | G : $\pm 2\text{pF}$ H : $+0.1-0\text{pF}$ L : $+0-0.1\text{pF}$               |
|         |      |   | R : $\pm 0.25-0\text{pF}$ S : $\pm 0.25-0\text{pF}$                            |
|         |      |   | More than 10pF                                                                 |
|         |      |   | A : Not specified B : $\pm 0.1\%$ C : $\pm 0.25\%$                             |
|         |      |   | D : $\pm 0.5\%$ F : $\pm 1\%$ G : $\pm 2\%$                                    |
|         |      |   | H : $\pm 3\%$ J : $\pm 5\%$ K : $\pm 10\%$                                     |
|         |      |   | L : $\pm 15\%$ M : $\pm 20\%$ N : $\pm 30\%$                                   |
|         |      |   | P : $+100-0\%$ Q : $+30-10\%$ T : $+50-10\%$                                   |
|         |      |   | U : $+75-10\%$ V : $+20-10\%$ W : $+100-10\%$                                  |
|         |      |   | X : $+40-20\%$ Y : $+150-10\%$ Z : $+80-20\%$                                  |
|         |      |   | Rated value: P=pico tarad, U=micro tarad                                       |
|         |      |   | Material:                                                                      |
|         |      |   | CERAMIC . . . . . Ceramic                                                      |
|         |      |   | MT-PAPER . . . . . Metallized Paper                                            |
|         |      |   | POLYESTER . . . . . Polyester                                                  |
|         |      |   | MT-POLYEST . . . . . Metallized Polyester                                      |
|         |      |   | POLYPRO . . . . . Polypropylene                                                |
|         |      |   | MT-POLYPRO . . . . . Metallized Polypropylene                                  |
|         |      |   | COMPO FILM . . . . . Composite Film                                            |
|         |      |   | MT-COMPO . . . . . Metallized Composite                                        |
|         |      |   | STYRENE . . . . . Styrene                                                      |
|         |      |   | TA-SOLID . . . . . Tantalum Solid                                              |
|         |      |   | AL-SOLID . . . . . Aluminum Solid                                              |
|         |      |   | ELECT . . . . . Electrolytic                                                   |
|         |      |   | NP-ELECT . . . . . Non-polarised Electrolytic                                  |
|         |      |   | OS-SOLID . . . . . Alluminum Solid with Organic<br>Semiconductive Electrolytic |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

## RESISTORS

NOTES:

Read **Description** of the Resistor as follows:  
(Example)

|        |      |   |   |                                                                                                          |
|--------|------|---|---|----------------------------------------------------------------------------------------------------------|
| CARBON | 4.7K | J | A | 1/4W                                                                                                     |
|        |      |   |   | Rated Wattage                                                                                            |
|        |      |   |   | Performance Symbols:<br>A...General B..Non-flammable<br>Z...Low noise<br>Other...Temperature coefficient |
|        |      |   |   | Tolerance Symbols:<br>A...0.05% B...0.1% C...25%                                                         |
|        |      |   |   | D...0.5% F...1% G...2%                                                                                   |
|        |      |   |   | J...5% K...10% M...20%                                                                                   |
|        |      |   |   | P...+5-15%                                                                                               |
|        |      |   |   | Rated value, ohms:<br>K...1,000 M...1,000,000                                                            |
|        |      |   |   | Material:                                                                                                |
|        |      |   |   | CARBON . . . . . Carbon                                                                                  |
|        |      |   |   | MT-FILM . . . . . Metal Film                                                                             |
|        |      |   |   | OXIDE-MT . . . . . Oxide Metal Film                                                                      |
|        |      |   |   | SOLID . . . . . Composition                                                                              |
|        |      |   |   | MT-GLAZE . . . . . Metal Glaze                                                                           |
|        |      |   |   | WIRE WOUND . . . . . Wire wound                                                                          |
|        |      |   |   | CERAMIC RES . . . . . Ceramic                                                                            |
|        |      |   |   | FUSIBLE RES . . . . . Fusible                                                                            |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

## ASSY,PWB,DIGITAL Z6TH

### CAPACITORS

|       |              |         |         |      |
|-------|--------------|---------|---------|------|
| C001  | F1G1H1020008 | CERAMIC | 1000P K | 50V  |
| C002  | F1G1H1020008 | CERAMIC | 1000P K | 50V  |
| C003  | F1J1E105A213 | CERAMIC | 1U K    | 25V  |
| C004  | F1J1E105A213 | CERAMIC | 1U K    | 25V  |
| C005  | F1G1H1020008 | CERAMIC | 1000P K | 50V  |
| C006  | F1G1H1020008 | CERAMIC | 1000P K | 50V  |
| C007  | F1G1H1020008 | CERAMIC | 1000P K | 50V  |
| C008  | F1G1H1020008 | CERAMIC | 1000P K | 50V  |
| C009  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C010  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C011  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C012  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C013  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C014  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C015  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C016  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C018  | F1H1H331A792 | CERAMIC | 330P J  | 50V  |
| C019  | F1H1H331A792 | CERAMIC | 330P J  | 50V  |
| C020  | F1J1E105A213 | CERAMIC | 1U K    | 25V  |
| C021  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C022  | F1H1H104A913 | CERAMIC | 0.1U K  | 50V  |
| C023  | F1J1E105A213 | CERAMIC | 1U K    | 25V  |
| C024  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C025  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C026  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C027  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C028  | F1G1H150A541 | CERAMIC | 15P J   | 50V  |
| C029  | F1G1H150A541 | CERAMIC | 15P J   | 50V  |
| C030  | F1H1H681A798 | CERAMIC | 680P K  | 50V  |
|       | F1H1H681A831 | CERAMIC | 680P J  | 50V  |
|       | F1H1H681A875 | CERAMIC | 680P K  | 50V  |
| C032  | F1G1H101A541 | CERAMIC | 100P J  | 50V  |
|       | F1G1H101A754 | CERAMIC | 100P J  | 50V  |
| C033  | F1G1H472A571 | CERAMIC | 4700P K | 50V  |
| C034  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C035  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C036  | F1J1E105A213 | CERAMIC | 1U K    | 25V  |
| C037  | F1J1E105A213 | CERAMIC | 1U K    | 25V  |
| C038  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C040  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C041  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C042  | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C5505 | F1G1H390A541 | CERAMIC | 39P J   | 50V  |
| C5515 | F1H0J4750004 | CERAMIC | 4.7U K  | 6.3V |
| C5523 | F1H0J4750004 | CERAMIC | 4.7U K  | 6.3V |
| C5709 | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C5710 | F1G1H103A706 | CERAMIC | 0.01U K | 50V  |
| C5711 | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |
| C5714 | F1J0J106A004 | CERAMIC | 10U K   | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K   | 6.3V |
| C5715 | F1J0J106A004 | CERAMIC | 10U K   | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K   | 6.3V |
| C6330 | F1G1C104A077 | CERAMIC | 0.1U K  | 16V  |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

|       |              |         |          |      |
|-------|--------------|---------|----------|------|
| C6332 | F2G1C2210024 | ELECT   | 220U M   | 16V  |
|       | F2G1C221A066 | ELECT   | 220U M   | 16V  |
| C6334 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6505 | F1G1E473A091 | CERAMIC | 0.047U K | 25V  |
| C6506 | F1G1H1020008 | CERAMIC | 1000P K  | 50V  |
| C6507 | F1G1E473A091 | CERAMIC | 0.047U K | 25V  |
| C6508 | F1G1E473A091 | CERAMIC | 0.047U K | 25V  |
| C6509 | F1G1E473A091 | CERAMIC | 0.047U K | 25V  |
| C6510 | F1G1E473A091 | CERAMIC | 0.047U K | 25V  |
| C6513 | F1G1E473A091 | CERAMIC | 0.047U K | 25V  |
| C6514 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6515 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6518 | F1J0J106A004 | CERAMIC | 10U K    | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K    | 6.3V |
| C6519 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6520 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6521 | F1H0J4750004 | CERAMIC | 4.7U K   | 6.3V |
| C6522 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6523 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6524 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6525 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6526 | F1G1H8R0A796 | CERAMIC | 8P D     | 50V  |
| C6527 | F1G1H8R0A796 | CERAMIC | 8P D     | 50V  |
| C6528 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6529 | F1J0J106A004 | CERAMIC | 10U K    | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K    | 6.3V |
| C6530 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6532 | F1H1A225A051 | CERAMIC | 2.2U K   | 10V  |
| C6533 | F1G1H1020008 | CERAMIC | 1000P K  | 50V  |
| C6535 | F1G1H103A706 | CERAMIC | 0.01U K  | 50V  |
| C6536 | F1G1H103A706 | CERAMIC | 0.01U K  | 50V  |
| C6539 | F1J0J106A004 | CERAMIC | 10U K    | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K    | 6.3V |
| C6560 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6562 | F1G1H1020008 | CERAMIC | 1000P K  | 50V  |
| C6575 | F1G1H390A541 | CERAMIC | 39P J    | 50V  |
| C6577 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6579 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6590 | F1G1E223A103 | CERAMIC | 0.022U K | 25V  |
|       | F1G1E223A139 | CERAMIC | 0.022U K | 25V  |
| C6596 | F1G1E473A091 | CERAMIC | 0.047U K | 25V  |
| C6599 | F1G1E473A091 | CERAMIC | 0.047U K | 25V  |
| C6600 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6601 | F1G1A105A047 | CERAMIC | 1U K     | 10V  |
| C6701 | F1J0J106A004 | CERAMIC | 10U K    | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K    | 6.3V |
| C6702 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6703 | F1J0J106A004 | CERAMIC | 10U K    | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K    | 6.3V |
| C6709 | F1J0J106A004 | CERAMIC | 10U K    | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K    | 6.3V |
| C6710 | F1G1C104A077 | CERAMIC | 0.1U K   | 16V  |
| C6711 | F1J0J106A004 | CERAMIC | 10U K    | 6.3V |
|       | F1J0J106A020 | CERAMIC | 10U K    | 6.3V |
| C6714 | F2G1C2210024 | ELECT   | 220U M   | 16V  |
|       | F2G1C221A066 | ELECT   | 220U M   | 16V  |

| Schematic Location | Part No.     | Description         |
|--------------------|--------------|---------------------|
| C6715              | F1J0J106A004 | CERAMIC 10U K 6.3V  |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V  |
| C6716              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6717              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6718              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6719              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6720              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6721              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6722              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6723              | F1J0J106A004 | CERAMIC 10U K 6.3V  |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V  |
| C6724              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6725              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6726              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6727              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6728              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6729              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6730              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6731              | F1J0J106A004 | CERAMIC 10U K 6.3V  |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V  |
| C6732              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6733              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6734              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6735              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6736              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6737              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6738              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6739              | F1J0J106A004 | CERAMIC 10U K 6.3V  |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V  |
| C6740              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6741              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6742              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6743              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6744              | F1J0J106A004 | CERAMIC 10U K 6.3V  |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V  |
| C6745              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6746              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6747              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6748              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6751              | F1H0J4750004 | CERAMIC 4.7U K 6.3V |
| C6753              | F1H0J4750004 | CERAMIC 4.7U K 6.3V |
| C6754              | F1J0J106A004 | CERAMIC 10U K 6.3V  |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V  |
| C6755              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6756              | F1J0J106A004 | CERAMIC 10U K 6.3V  |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V  |
| C6760              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6761              | F1J0J106A004 | CERAMIC 10U K 6.3V  |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V  |
| C6762              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6763              | F1G1C104A077 | CERAMIC 0.1U K 16V  |
| C6765              | F2G1C1010046 | ELECT 100U M 16V    |
|                    | F2G1C101A271 | ELECT 100U M 16V    |
| C6766              | F1G1A105A047 | CERAMIC 1U K 10V    |
| C6768              | F1G1A105A047 | CERAMIC 1U K 10V    |
| C6770              | F1G1H221A737 | CERAMIC 220P J 50V  |

| Schematic Location | Part No.      | Description           |
|--------------------|---------------|-----------------------|
| C6773              | F1J0J106A004  | CERAMIC 10U K 6.3V    |
|                    | F1J0J106A020  | CERAMIC 10U K 6.3V    |
| C6774              | F1G1C104A077  | CERAMIC 0.1U K 16V    |
| C6775              | F1H0J4750004  | CERAMIC 4.7U K 6.3V   |
| C6776              | F1G1C104A077  | CERAMIC 0.1U K 16V    |
| C6778              | F1H0J4750004  | CERAMIC 4.7U K 6.3V   |
| C6788              | F1G1C104A077  | CERAMIC 0.1U K 16V    |
| C6790              | F1G1H390A541  | CERAMIC 39P J 50V     |
| C6791              | F1G1H390A541  | CERAMIC 39P J 50V     |
| C6792              | F1G1H390A541  | CERAMIC 39P J 50V     |
| C6796              | F1G1C104A077  | CERAMIC 0.1U K 16V    |
| C6797              | F1G1H392A571  | CERAMIC 3900P K 50V   |
| C6798              | F1G1H1020008  | CERAMIC 1000P K 50V   |
| C8000              | F1G1H150A541  | CERAMIC 15P J 50V     |
| C8001              | F1H0J4750004  | CERAMIC 4.7U K 6.3V   |
| C8002              | F1G1C104A077  | CERAMIC 0.1U K 16V    |
| C8007              | F1G1C104A077  | CERAMIC 0.1U K 16V    |
| <b>DIODES</b>      |               |                       |
| D002               | B0ACCK000005  | DIODE 1SS355-TE-17    |
|                    | B0ACCK000019  | DIODE 1SS355          |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|                    | DA2J10100L    | DIODE DA2J10100L      |
|                    | DDDA2J10100LG | DIODE DA2J10100L      |
| D003               | B0ACCK000005  | DIODE 1SS355-TE-17    |
|                    | B0ACCK000019  | DIODE 1SS355          |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|                    | DA2J10100L    | DIODE DA2J10100L      |
|                    | DDDA2J10100LG | DIODE DA2J10100L      |
| D007               | B0BC6R100010  | ZD UDZS-TE-176.2B     |
|                    | B0BC6R2A0384  | ZENER DIODE MM3Z6V2B  |
|                    | DZDZ2J062M0LG | ZD DIODE DZ2J062M0L   |
| D008               | B0BC6R100010  | ZD UDZS-TE-176.2B     |
|                    | B0BC6R2A0384  | ZENER DIODE MM3Z6V2B  |
|                    | DZDZ2J062M0LG | ZD DIODE DZ2J062M0L   |
| D7330              | B0ACCK000005  | DIODE 1SS355-TE-17    |
|                    | B0ACCK000019  | DIODE 1SS355          |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|                    | DA2J10100L    | DIODE DA2J10100L      |
|                    | DDDA2J10100LG | DIODE DA2J10100L      |
| D7332              | B0ACCK000005  | DIODE 1SS355-TE-17    |
|                    | B0ACCK000019  | DIODE 1SS355          |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|                    | DA2J10100L    | DIODE DA2J10100L      |
|                    | DDDA2J10100LG | DIODE DA2J10100L      |
| D7336              | B0ACCK000005  | DIODE 1SS355-TE-17    |
|                    | B0ACCK000019  | DIODE 1SS355          |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|                    | DA2J10100L    | DIODE DA2J10100L      |
|                    | DDDA2J10100LG | DIODE DA2J10100L      |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

### INTEGRATED CIRCUITS

|        |              |                         |
|--------|--------------|-------------------------|
| IC001  | C1AB00003628 | IC STA333W13TR          |
| IC5500 | C1AB00003995 | IC MSD3391DS-SN         |
| IC5700 | C3ABSY000113 | IC NT5TU32M16DG-AC      |
| IC6600 | C0DBZYY00485 | IC NCP380HSN05AAT1G     |
| IC6700 | C0CBAYG00009 | IC LM1117S-ADJ          |
| IC6702 | C0CBAYG00009 | IC LM1117S-ADJ          |
| IC6706 | C3EBEY000046 | IC 24LC04BT-I/SNG-Z6TH  |
| IC6720 | C0DBAYY01122 | IC BD9328EFJ-E2         |
| IC6725 | C0DBGYY03538 | IC LM1108SF-3.3         |
| IC8000 | QXXAAJQ1487— | IC EN25Q32B-104HIP-Z6TH |

### COILS

|       |              |                         |
|-------|--------------|-------------------------|
| L001  | G1C220MA0445 | "INDUCTOR ,22UH"        |
| L002  | G1C220MA0445 | "INDUCTOR ,22UH"        |
| L003  | G1C220MA0445 | "INDUCTOR ,22UH"        |
| L009  | J0JCC0000371 | "INDUCTOR , 120 OHM"    |
| L011  | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L012  | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L013  | G1C220MA0445 | "INDUCTOR ,22UH"        |
| L017  | J0JCC0000371 | "INDUCTOR , 120 OHM"    |
| L6301 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L6500 | J0JGC0000019 | "IMPEDANCE,22 OHM P"    |
| L6501 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L6502 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L6506 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L6507 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L6508 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L6510 | G1CR22JA0041 | "INDUCTOR,0.22U J"      |
| L6620 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L6630 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L6720 | G1C220MA0445 | "INDUCTOR ,22UH"        |
| L6721 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L6722 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| L8000 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |

### TRANSISTORS

|       |              |                |
|-------|--------------|----------------|
| Q6329 | B1DHDD000041 | TR AO3407A     |
| Q6331 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |
| Q6501 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |
| Q6502 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |
| Q6740 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |
| Q6741 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |

| Schematic Location | Part No. | Description |
|--------------------|----------|-------------|
|--------------------|----------|-------------|

|       |              |                     |
|-------|--------------|---------------------|
| Q7306 | B1ADCE000028 | TR MMBTSA1235F      |
|       | B1ADCF000004 | TR 2SA1037AK-S-T146 |
|       | B1ADCF000194 | TR ISA1235AC1F      |
|       | B1ADCF000195 | TR 2SA1037AK-T146-R |
|       | B1ADCF000201 | TR ISA1235AC1E      |
|       | B1ADDF000004 | TR 2SA1235A1F       |
|       | B1ADDF000017 | TR 2SA1235A1E       |
| Q7307 | B1CHRD000053 | TR AO3400A          |
| Q7308 | B1ABCE000028 | TR MMBTSC3928R      |
|       | B1ABDF000013 | TR 2SC3928A1R       |
|       | B1ABDF000024 | TR 2SC3928A1S       |

### RESISTORS

|       |              |                        |
|-------|--------------|------------------------|
| R001  | D0GB5R6JA040 | MT-GLAZE 5.6 JA 1/10W  |
|       | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W  |
|       | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W  |
| R002  | D0GB5R6JA040 | MT-GLAZE 5.6 JA 1/10W  |
|       | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W  |
|       | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W  |
| R003  | D0GB5R6JA040 | MT-GLAZE 5.6 JA 1/10W  |
|       | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W  |
|       | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W  |
| R004  | D0GB5R6JA040 | MT-GLAZE 5.6 JA 1/10W  |
|       | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W  |
|       | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W  |
| R005  | D0GB470J0002 | MT-GLAZE 47 JA 1/10W   |
|       | D0GB470JA041 | MT-GLAZE 47 JA 1/10W   |
|       | D0GB470JA089 | MT-GLAZE 47 JA 1/10W   |
| R006  | D0GB470J0002 | MT-GLAZE 47 JA 1/10W   |
|       | D0GB470JA041 | MT-GLAZE 47 JA 1/10W   |
|       | D0GB470JA089 | MT-GLAZE 47 JA 1/10W   |
| R007  | J0JCC0000371 | "INDUCTOR, 120 OHM"    |
| R008  | J0JCC0000371 | "INDUCTOR, 120 OHM"    |
| R010  | D0GA101JA028 | MT-GLAZE 100 JA 1/16W  |
|       | D0GA101JA042 | MT-GLAZE 100 JA 1/16W  |
|       | D0GA101JA045 | MT-GLAZE 100 JA 1/16W  |
| R012  | D0GA101JA028 | MT-GLAZE 100 JA 1/16W  |
|       | D0GA101JA042 | MT-GLAZE 100 JA 1/16W  |
|       | D0GA101JA045 | MT-GLAZE 100 JA 1/16W  |
| R013  | D0GA101JA028 | MT-GLAZE 100 JA 1/16W  |
|       | D0GA101JA042 | MT-GLAZE 100 JA 1/16W  |
|       | D0GA101JA045 | MT-GLAZE 100 JA 1/16W  |
| R015  | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
|       | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
|       | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W |
| R022  | D0GB470J0002 | MT-GLAZE 47 JA 1/10W   |
|       | D0GB470JA041 | MT-GLAZE 47 JA 1/10W   |
|       | D0GB470JA089 | MT-GLAZE 47 JA 1/10W   |
| R023  | D0GB470J0002 | MT-GLAZE 47 JA 1/10W   |
|       | D0GB470JA041 | MT-GLAZE 47 JA 1/10W   |
|       | D0GB470JA089 | MT-GLAZE 47 JA 1/10W   |
| R5501 | D0GB183JA072 | MT-GLAZE 18K JA 1/10W  |
|       | D0GB183JA089 | MT-GLAZE 18K JA 1/10W  |
|       | D0GB183JA096 | MT-GLAZE 18K JA 1/10W  |
| R5502 | D0GB183JA072 | MT-GLAZE 18K JA 1/10W  |
|       | D0GB183JA089 | MT-GLAZE 18K JA 1/10W  |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R5505              | D0GB183JA096 | MT-GLAZE 18K JA 1/10W   |
|                    | D0GA273JA028 | MT-GLAZE 27K JA 1/16W   |
|                    | D0GA273JA042 | MT-GLAZE 27K JA 1/16W   |
| R5506              | D0GA273JA047 | MT-GLAZE 27K JA 1/16W   |
|                    | D0GA273JA028 | MT-GLAZE 27K JA 1/16W   |
|                    | D0GA273JA042 | MT-GLAZE 27K JA 1/16W   |
| R5509              | D0GA273JA047 | MT-GLAZE 27K JA 1/16W   |
|                    | D0GA273JA028 | MT-GLAZE 27K JA 1/16W   |
|                    | D0GA273JA042 | MT-GLAZE 27K JA 1/16W   |
| R5510              | D0GA273JA047 | MT-GLAZE 27K JA 1/16W   |
|                    | D0GB183JA072 | MT-GLAZE 18K JA 1/10W   |
|                    | D0GB183JA089 | MT-GLAZE 18K JA 1/10W   |
| R5511              | D0GB183JA096 | MT-GLAZE 18K JA 1/10W   |
|                    | D0GB183JA072 | MT-GLAZE 18K JA 1/10W   |
|                    | D0GB183JA089 | MT-GLAZE 18K JA 1/10W   |
| R5512              | D0GB183JA096 | MT-GLAZE 18K JA 1/10W   |
|                    | D0GA273JA028 | MT-GLAZE 27K JA 1/16W   |
|                    | D0GA273JA042 | MT-GLAZE 27K JA 1/16W   |
| R5523              | D0GA273JA047 | MT-GLAZE 27K JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R5525              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R5526              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R5529              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA103JA028 | MT-GLAZE 10K JA 1/16W   |
|                    | D0GA103JA042 | MT-GLAZE 10K JA 1/16W   |
| R5530              | D0GA103JA047 | MT-GLAZE 10K JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R5531              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R5532              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W    |
| R5533              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W    |
| R5534              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R5535              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R5540              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R5553              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R5562              | D0GA750JA028 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA042 | MT-GLAZE 75 JA 1/16W    |

| Schematic Location | Part No.     | Description            |
|--------------------|--------------|------------------------|
| R5563              | D0GA750JA047 | MT-GLAZE 75 JA 1/16W   |
|                    | D0GA750JA028 | MT-GLAZE 75 JA 1/16W   |
|                    | D0GA750JA042 | MT-GLAZE 75 JA 1/16W   |
| R5565              | D0GA750JA047 | MT-GLAZE 75 JA 1/16W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
| R5566              | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GA273JA028 | MT-GLAZE 27K JA 1/16W  |
|                    | D0GA273JA042 | MT-GLAZE 27K JA 1/16W  |
| R5567              | D0GA273JA047 | MT-GLAZE 27K JA 1/16W  |
|                    | D0GB183JA072 | MT-GLAZE 18K JA 1/10W  |
|                    | D0GB183JA089 | MT-GLAZE 18K JA 1/10W  |
| R5568              | D0GB183JA096 | MT-GLAZE 18K JA 1/10W  |
|                    | D0GB183JA072 | MT-GLAZE 18K JA 1/10W  |
|                    | D0GB183JA089 | MT-GLAZE 18K JA 1/10W  |
| R5569              | D0GB183JA096 | MT-GLAZE 18K JA 1/10W  |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W   |
| R5571              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W   |
| R5572              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GB563JA041 | MT-GLAZE 56K JA 1/10W  |
|                    | D0GB563JA072 | MT-GLAZE 56K JA 1/10W  |
| R5573              | D0GB563JA089 | MT-GLAZE 56K JA 1/10W  |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W   |
| R5575              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA273JA028 | MT-GLAZE 27K JA 1/16W  |
|                    | D0GA273JA042 | MT-GLAZE 27K JA 1/16W  |
| R5577              | D0GA273JA047 | MT-GLAZE 27K JA 1/16W  |
|                    | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W |
| R5581              | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
| R5585              | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
| R5586              | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
| R5588              | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W   |
| R5591              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W   |
| R5592              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W   |
| R5593              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W   |
| R5594              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W   |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W   |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R5595              | D0GA220JA042 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA047 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W    |
| R5596              | D0GA220JA047 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA028 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA042 | MT-GLAZE 22 JA 1/16W    |
|                    | D0GA220JA047 | MT-GLAZE 22 JA 1/16W    |
| R5700              | D0GB101ZA037 | MT-GLAZE 100 FA 1/10W   |
|                    | D0GB101ZA063 | MT-GLAZE 100 FA 1/10W   |
|                    | D1BB1000A055 | MT-GLAZE 100 FA 1/10W   |
|                    | D0GB101ZA037 | MT-GLAZE 100 FA 1/10W   |
| R5702              | D0GB101ZA063 | MT-GLAZE 100 FA 1/10W   |
|                    | D1BB1000A055 | MT-GLAZE 100 FA 1/10W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R5703              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
| R5704              | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
| R6269              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R6317              | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GB105JA041 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB105JA071 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB105JA089 | MT-GLAZE 1M JA 1/10W    |
| R6337              | D0GB105JA041 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB105JA071 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB105JA089 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
| R6339              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R6340              | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6342              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
| R6348              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R6509              | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GA750JA028 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA042 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA047 | MT-GLAZE 75 JA 1/16W    |
| R6510              | D0GA750JA028 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA042 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA047 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA028 | MT-GLAZE 75 JA 1/16W    |
| R6515              | D0GB680JA041 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA072 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA089 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA041 | MT-GLAZE 68 JA 1/10W    |
| R6516              | D0GA330JA028 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA042 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA047 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA028 | MT-GLAZE 33 JA 1/16W    |
| R6517              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6518              | D0GA330JA028 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA042 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA047 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA028 | MT-GLAZE 33 JA 1/16W    |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R6519              | D0GA330JA047 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA028 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA042 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA047 | MT-GLAZE 33 JA 1/16W    |
| R6520              | D0GB680JA041 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA072 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA089 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA041 | MT-GLAZE 68 JA 1/10W    |
| R6521              | D0GA330JA028 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA042 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA047 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA028 | MT-GLAZE 33 JA 1/16W    |
| R6522              | D0GA330JA042 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA047 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA028 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GA330JA042 | MT-GLAZE 33 JA 1/16W    |
| R6523              | D0GA330JA047 | MT-GLAZE 33 JA 1/16W    |
|                    | D0GB101ZA037 | MT-GLAZE 100 FA 1/10W   |
|                    | D0GB101ZA063 | MT-GLAZE 100 FA 1/10W   |
|                    | D1BB1000A055 | MT-GLAZE 100 FA 1/10W   |
| R6525              | D0GB680JA041 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA072 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA089 | MT-GLAZE 68 JA 1/10W    |
|                    | D0GB680JA041 | MT-GLAZE 68 JA 1/10W    |
| R6526              | D0GB105JA041 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB105JA071 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB105JA089 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB105JA041 | MT-GLAZE 1M JA 1/10W    |
| R6527              | D0GB105JA071 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GB105JA089 | MT-GLAZE 1M JA 1/10W    |
|                    | D0GA331JA028 | MT-GLAZE 330 JA 1/16W   |
|                    | D0GA331JA042 | MT-GLAZE 330 JA 1/16W   |
| R6528              | D0GA331JA045 | MT-GLAZE 330 JA 1/16W   |
|                    | D0GA331JA028 | MT-GLAZE 330 JA 1/16W   |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
| R6530              | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6531              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
| R6532              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GA104JA028 | MT-GLAZE 100K JA 1/16W  |
|                    | D0GA104JA042 | MT-GLAZE 100K JA 1/16W  |
| R6534              | D0GA104JA048 | MT-GLAZE 100K JA 1/16W  |
|                    | D0GB470J0002 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470JA041 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470JA089 | MT-GLAZE 47 JA 1/10W    |
| R6535              | D0GB470JA041 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470J0002 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470JA041 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470JA089 | MT-GLAZE 47 JA 1/10W    |
| R6536              | D0GB470JA089 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R6539              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
| R6540              | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
| R6541              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6545              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R6546              | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
| R6547              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6548              | D0GB104JA041 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA068 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W  |
| R6549              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6550              | D0GB102JA041 | MT-GLAZE 1K JA 1/10W    |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W    |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W    |
| R6551              | D0GB104JA041 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA068 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W  |
| R6554              | D0GB104JA041 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA068 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W  |
| R6555              | D0GA102JA028 | MT-GLAZE 1K JA 1/16W    |
|                    | D0GA102JA042 | MT-GLAZE 1K JA 1/16W    |
|                    | D0GA102JA046 | MT-GLAZE 1K JA 1/16W    |
| R6560              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6564              | D0GB470J0002 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470JA041 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470JA089 | MT-GLAZE 47 JA 1/10W    |
| R6565              | D0GB470J0002 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470JA041 | MT-GLAZE 47 JA 1/10W    |
|                    | D0GB470JA089 | MT-GLAZE 47 JA 1/10W    |
| R6566              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6567              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6568              | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
| R6569              | D0GB102JA041 | MT-GLAZE 1K JA 1/10W    |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W    |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W    |
| R6572              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6573              | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
| R6574              | D0GB102JA041 | MT-GLAZE 1K JA 1/10W    |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W    |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W    |
| R6578              | D0GB101JA041 | MT-GLAZE 100 JA 1/10W   |
|                    | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
|                    | D0GB101JA089 | MT-GLAZE 100 JA 1/10W   |
| R6579              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R6580              | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GB101JA041 | MT-GLAZE 100 JA 1/10W   |
|                    | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
| R6581              | D0GB101JA089 | MT-GLAZE 100 JA 1/10W   |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6582              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R6584              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
| R6586              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6587              | D0GAR00JA046 | MT-GLAZE 0.000 ZA 1/16W |
|                    | D0GAR00JA046 | MT-GLAZE 0.000 ZA 1/16W |
|                    | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
| R6589              | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
| R6590              | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
| R6591              | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
| R6592              | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
| R6593              | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
| R6594              | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
| R6596              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6597              | D0GA750JA028 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA042 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA047 | MT-GLAZE 75 JA 1/16W    |
| R6599              | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
| R6602              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6604              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6606              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R6607              | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6608              | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GDR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
| R6616              | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |



| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R6720              | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R6722              | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6723              | D0GB683ZA038 | MT-GLAZE 68K FA 1/10W   |
|                    | D0GB683ZA068 | MT-GLAZE 68K FA 1/10W   |
|                    | D1BB6802A055 | MT-GLAZE 68K FA 1/10W   |
| R6725              | D0GB273ZA038 | MT-GLAZE 27K FA 1/10W   |
|                    | D0GB273ZA063 | MT-GLAZE 27K FA 1/10W   |
|                    | D1BB2702A055 | MT-GLAZE 27K FA 1/10W   |
| R6726              | D0GB472ZA038 | MT-GLAZE 4.7K FA 1/10W  |
|                    | D0GB472ZA063 | MT-GLAZE 4.7K FA 1/10W  |
|                    | D1BB4701A055 | MT-GLAZE 4.7K FA 1/10W  |
| R6727              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6728              | D0GB223JA041 | MT-GLAZE 22K JA 1/10W   |
|                    | D0GB223JA070 | MT-GLAZE 22K JA 1/10W   |
|                    | D0GB223JA089 | MT-GLAZE 22K JA 1/10W   |
| R6740              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6742              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R6743              | D0GB223JA041 | MT-GLAZE 22K JA 1/10W   |
|                    | D0GB223JA070 | MT-GLAZE 22K JA 1/10W   |
|                    | D0GB223JA089 | MT-GLAZE 22K JA 1/10W   |
| R6744              | D0GB104JA041 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA068 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W  |
| R6745              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6746              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6751              | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
| R6755              | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W  |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W  |
| R6757              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6758              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6761              | D0GB471ZA037 | MT-GLAZE 470 FA 1/10W   |
|                    | D0GB471ZA068 | MT-GLAZE 470 FA 1/10W   |
|                    | D1BB4700A055 | MT-GLAZE 470 FA 1/10W   |
| R6762              | D0GB100JA041 | MT-GLAZE 10 JA 1/10W    |
|                    | D0GB100JA072 | MT-GLAZE 10 JA 1/10W    |
|                    | D0GB100JA089 | MT-GLAZE 10 JA 1/10W    |
| R6763              | D0GB221Z0002 | MT-GLAZE 220 FA 1/10W   |
|                    | D0GB221ZA063 | MT-GLAZE 220 FA 1/10W   |
|                    | D1BB2200A055 | MT-GLAZE 220 FA 1/10W   |
| R6764              | D0GB221Z0002 | MT-GLAZE 220 FA 1/10W   |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R6765              | D0GB221ZA063 | MT-GLAZE 220 FA 1/10W   |
|                    | D1BB2200A055 | MT-GLAZE 220 FA 1/10W   |
|                    | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W   |
| R6766              | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W   |
|                    | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R6767              | D0GB221Z0002 | MT-GLAZE 220 FA 1/10W   |
|                    | D0GB221ZA063 | MT-GLAZE 220 FA 1/10W   |
|                    | D1BB2200A055 | MT-GLAZE 220 FA 1/10W   |
| R6782              | D0GA750JA028 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA042 | MT-GLAZE 75 JA 1/16W    |
|                    | D0GA750JA047 | MT-GLAZE 75 JA 1/16W    |
| R6784              | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W   |
|                    | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W   |
| R6785              | D0GB5R6JA072 | MT-GLAZE 5.6 JA 1/10W   |
|                    | D0GB5R6JA090 | MT-GLAZE 5.6 JA 1/10W   |
| R6801              | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
| R6802              | D0GA101JA028 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA042 | MT-GLAZE 100 JA 1/16W   |
|                    | D0GA101JA045 | MT-GLAZE 100 JA 1/16W   |
| R8000              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R8003              | D0GB103JA041 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W   |
| R8008              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |

## ASSY,PWB,ANALOG-COMP-Z6TH

### CAPACITORS

|       |              |          |          |       |
|-------|--------------|----------|----------|-------|
| C1020 | F1J0J106A004 | CERAMIC  | 10U K    | 6.3V  |
|       | F1J0J106A020 | CERAMIC  | 10U K    | 6.3V  |
| C1600 | F1J0J106A004 | CERAMIC  | 10U K    | 6.3V  |
|       | F1J0J106A020 | CERAMIC  | 10U K    | 6.3V  |
| C1602 | F2A0J221B358 | ELECT    | 220U M   | 6.3V  |
| C1603 | F1H1H104A913 | CERAMIC  | 0.1U K   | 50V   |
| C1604 | F2A1V471B620 | ELECT    | 470U M   | 35V   |
| C1605 | F1H1H103A219 | CERAMIC  | 0.01U K  | 50V   |
| C1606 | F1H1H103A219 | CERAMIC  | 0.01U K  | 50V   |
| C1607 | F1H1H103A219 | CERAMIC  | 0.01U K  | 50V   |
| C1608 | F1H1H103A219 | CERAMIC  | 0.01U K  | 50V   |
| C1610 | F1H1H473A918 | CERAMIC  | 0.047U K | 50V   |
| C1612 | F1H1H104A913 | CERAMIC  | 0.1U K   | 50V   |
| C1613 | F1H1H104A913 | CERAMIC  | 0.1U K   | 50V   |
| C1666 | F2A1C222B956 | ELECT    | 2200U M  | 16V   |
| C1704 | F1H1H103A219 | CERAMIC  | 0.01U K  | 50V   |
| C1800 | F1H1H104A913 | CERAMIC  | 0.1U K   | 50V   |
| C1801 | F1J0J106A004 | CERAMIC  | 10U K    | 6.3V  |
|       | F1J0J106A020 | CERAMIC  | 10U K    | 6.3V  |
| C1803 | F1H1H103A219 | CERAMIC  | 0.01U K  | 50V   |
| C2405 | F1H1H104A913 | CERAMIC  | 0.1U K   | 50V   |
| C6101 | D0GBR00JA071 | MT-GLAZE | 0.000 ZA | 1/10W |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| C6104              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| C6108              | F1H1H680A831 | CERAMIC 68P J 50V       |
| C6110              | F1H1H104A913 | CERAMIC 0.1U K 50V      |
| C6113              | F1H1H102A219 | CERAMIC 1000P K 50V     |
| C6114              | F1H1H680A831 | CERAMIC 68P J 50V       |
| C6115              | F1J0J106A004 | CERAMIC 10U K 6.3V      |
|                    | F1J0J106A020 | CERAMIC 10U K 6.3V      |
| C6116              | F2A1C6810044 | ELECT 680U M 16V        |
| C6117              | F1H1C104A041 | CERAMIC 0.1U K 16V      |
|                    | F1H1C104A091 | CERAMIC 0.1U K 16V      |
| C6118              | F1H1C104A041 | CERAMIC 0.1U K 16V      |
|                    | F1H1C104A091 | CERAMIC 0.1U K 16V      |
| C6121              | F2A1C470B845 | ELECT 47U M 16V         |
| C6122              | F2A1C221B844 | ELECT 220U M 16V        |

## DIODES

|       |               |                       |
|-------|---------------|-----------------------|
| D1613 | B0ACCK000019  | DIODE 1SS355          |
|       | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|       | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|       | DDDA2J10100LG | DIODE DA2J10100L      |
| D1668 | B0ACCK000019  | DIODE 1SS355          |
|       | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|       | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|       | DDDA2J10100LG | DIODE DA2J10100L      |
| D1750 | B0ACCK000019  | DIODE 1SS355          |
|       | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|       | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|       | DDDA2J10100LG | DIODE DA2J10100L      |
| D2405 | B0JCGD000002  | DIODE RB551V-30-TE-17 |
|       | B0JCGD000014  | DIODE DSF05S30U       |
| D6001 | B0ACCK000019  | DIODE 1SS355          |
|       | B0ACDJ000007  | DIODE 1SS352-(TPH3)   |
|       | B0ACDJ000017  | DIODE 1SS352(TH3 F T) |
|       | DDDA2J10100LG | DIODE DA2J10100L      |

## INTEGRATED CIRCUITS

|        |              |                |
|--------|--------------|----------------|
| IC1600 | C0CBAYG00009 | IC LM1117S-ADJ |
| IC6001 | C0CBAYG00009 | IC LM1117S-ADJ |

## COILS

|       |              |                         |
|-------|--------------|-------------------------|
| L1702 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| L1703 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L1704 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L1705 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L1706 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L1707 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L1708 | J0JYC0000381 | "INDUCTOR , 220 OHM"    |
| L1716 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| L1801 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| L1902 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L6100 | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
|                    | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L6101              | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L6102              | D0GDR00JA072 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0YDR0000036 | MT-GLAZE 0.000 ZA 1/10W |
| L6103              | J0JCC0000371 | "INDUCTOR , 120 OHM"    |
| L6104              | J0JCC0000371 | "INDUCTOR , 120 OHM"    |
| L6107              | J0JYC0000381 | "INDUCTOR , 220 OHM"    |

## TRANSISTORS

|       |              |                |
|-------|--------------|----------------|
| Q1610 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |
| Q1611 | B1DHDD000041 | TR AO3407A     |
| Q1750 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |
| Q1751 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |
| Q1810 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |
| Q1813 | B1ABCE000028 | TR MMBTSC3928R |
|       | B1ABDF000013 | TR 2SC3928A1R  |
|       | B1ABDF000024 | TR 2SC3928A1S  |

## RESISTORS

|       |              |                         |
|-------|--------------|-------------------------|
| R1002 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R1004 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|       | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R1020 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1022 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1023 | D0GB151JA041 | MT-GLAZE 150 JA 1/10W   |
|       | D0GB151JA069 | MT-GLAZE 150 JA 1/10W   |
|       | D0GB151JA089 | MT-GLAZE 150 JA 1/10W   |
| R1024 | D0GB151JA041 | MT-GLAZE 150 JA 1/10W   |
|       | D0GB151JA069 | MT-GLAZE 150 JA 1/10W   |
|       | D0GB151JA089 | MT-GLAZE 150 JA 1/10W   |
| R1035 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1036 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1600 | D0GB121ZA038 | MT-GLAZE 120 FA 1/10W   |
| R1601 | D0GB120JA041 | MT-GLAZE 12 JA 1/10W    |
|       | D0GB120JA072 | MT-GLAZE 12 JA 1/10W    |
|       | D0GB120JA089 | MT-GLAZE 12 JA 1/10W    |
| R1602 | D0GB221Z0002 | MT-GLAZE 220 FA 1/10W   |
| R1610 | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R1611 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1612 | D0GB105JA071 | MT-GLAZE 1M JA 1/10W    |
| R1616 | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R1664 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1665 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1668 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1700 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1701 | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1702 | D0GB102JA071 | MT-GLAZE 1K JA 1/10W    |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R1707              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1708              | D0GB183JA072 | MT-GLAZE 18K JA 1/10W   |
| R1751              | D0GB182JA072 | MT-GLAZE 1.8K JA 1/10W  |
| R1752              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R1753              | D0GB101JA041 | MT-GLAZE 100 JA 1/10W   |
|                    | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
|                    | D0GB101JA089 | MT-GLAZE 100 JA 1/10W   |
| R1754              | D0GB332JA072 | MT-GLAZE 3.3K JA 1/10W  |
| R1790              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1791              | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
| R1792              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1797              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1800              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1803              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1804              | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W  |
| R1810              | D0GB331JA069 | MT-GLAZE 330 JA 1/10W   |
| R1811              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R1812              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R1813              | D0GB331JA069 | MT-GLAZE 330 JA 1/10W   |
| R1843              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R1857              | D0GB223JA041 | MT-GLAZE 22K JA 1/10W   |
|                    | D0GB223JA070 | MT-GLAZE 22K JA 1/10W   |
|                    | D0GB223JA089 | MT-GLAZE 22K JA 1/10W   |
| R1901              | D0GB392JA072 | MT-GLAZE 3.9K JA 1/10W  |
| R1902              | D0GB682JA072 | MT-GLAZE 6.8K JA 1/10W  |
| R1903              | D0GB682JA072 | MT-GLAZE 6.8K JA 1/10W  |
| R1904              | D0GB392JA072 | MT-GLAZE 3.9K JA 1/10W  |
| R1905              | D0GB682JA072 | MT-GLAZE 6.8K JA 1/10W  |
| R1906              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R1907              | D0GB102JA071 | MT-GLAZE 1K JA 1/10W    |
| R1908              | D0GB682JA072 | MT-GLAZE 6.8K JA 1/10W  |
| R1909              | D0GB123JA072 | MT-GLAZE 12K JA 1/10W   |
| R1910              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R1911              | D0GB102JA071 | MT-GLAZE 1K JA 1/10W    |
| R2400              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R2401              | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
| R2408              | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
| R2409              | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
| R2410              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R2411              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R2412              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R2413              | D0GB103JA072 | MT-GLAZE 10K JA 1/10W   |
| R2414              | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
| R2415              | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
| R2418              | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
| R2419              | D0GB101JA069 | MT-GLAZE 100 JA 1/10W   |
| R6100              | D0GB470J0002 | MT-GLAZE 47 JA 1/10W    |
| R6101              | D0GB470J0002 | MT-GLAZE 47 JA 1/10W    |
| R6105              | D0C2330JA119 | OXIDE-MT 33 JA 2W       |
| R6106              | D0GB102JA071 | MT-GLAZE 1K JA 1/10W    |
| R6107              | D0GB331ZA037 | MT-GLAZE 330 FA 1/10W   |

| Schematic Location         | Part No.      | Description             |
|----------------------------|---------------|-------------------------|
| <b>ASSY,PWB,POWER-Z6TJ</b> |               |                         |
| <b>CAPACITORS</b>          |               |                         |
| C601                       | CMXLBB00100-N | MT-POLYPRO 0.22U K 275V |
|                            | F0CAF224A030  | MT-POLYEST 0.22U K 275V |
| C602                       | CMXLBB00100-N | MT-POLYPRO 0.22U K 275V |
|                            | F0CAF224A030  | MT-POLYEST 0.22U K 275V |
| C604                       | CMXLBB00100-N | MT-POLYPRO 0.22U K 275V |
|                            | F0CAF224A030  | MT-POLYEST 0.22U K 275V |
| C606                       | F1AAF4710001  | CERAMIC 470P K 250V     |
| C607                       | F1AAF4710001  | CERAMIC 470P K 250V     |
| C608                       | F1H1H103A219  | CERAMIC 0.01U K 50V     |
| C610                       | F1H1H471A792  | CERAMIC 470P J 50V      |
| C611                       | CM2W105KBSANN | MT-POLYPRO 1U K 450V    |
|                            | CMXLBB00200-N | MT-POLYPRO 1U K 450V    |
| C613                       | F2A2W1010014  | ELECT 100U M 450V       |
| C615                       | F1AAF4710001  | CERAMIC 470P K 250V     |
| C616                       | F1H1H104A913  | CERAMIC 0.1U K 50V      |
| C617                       | F2A1V470B482  | ELECT 47U M 35V         |
| C619                       | F1B3D471A056  | CERAMIC 470P K 2K       |
| C620                       | F1H1H2240001  | CERAMIC 0.22U K 50V     |
|                            | F1H1H224A783  | CERAMIC 0.22U K 50V     |
| C621                       | F1J1C2250009  | CERAMIC 2.2U Z 16V      |
| C625                       | CM2W105KBSANN | MT-POLYPRO 1U K 450V    |
|                            | CMXLBB00200-N | MT-POLYPRO 1U K 450V    |
| C626                       | F0CZZ104A137  | MT-POLYEST 0.1U K 450V  |
|                            | F0CZZ104A147  | MT-POLYEST 0.1U K 450V  |
| C627                       | F1H1H152A219  | CERAMIC 1500P K 50V     |
| C628                       | F1H1H152A219  | CERAMIC 1500P K 50V     |
| C629                       | F1AAF2210002  | CERAMIC 220P K 250V     |
| C630                       | F1AAF2210002  | CERAMIC 220P K 250V     |
| C631                       | F1B3D471A056  | CERAMIC 470P K 2K       |
| C632                       | F1H1H103A219  | CERAMIC 0.01U K 50V     |
| C633                       | F1H1H104A913  | CERAMIC 0.1U K 50V      |
| C637                       | CG2J103JAPAAN | MT-POLYEST 0.01U J 630V |
|                            | F0C2J103A127  | MT-POLYEST 0.01U J 630V |
| C639                       | F1J1E225A178  | CERAMIC 2.2U K 25V      |
| C640                       | F2A1H220B790  | ELECT 22U M 50V         |
| C641                       | F1H1H104A913  | CERAMIC 0.1U K 50V      |
| C642                       | F1H1H104A913  | CERAMIC 0.1U K 50V      |
| C653                       | F1H1H1010005  | CERAMIC 100P J 50V      |
| C655                       | F1H1H104A913  | CERAMIC 0.1U K 50V      |
| C656                       | F2A1V470B482  | ELECT 47U M 35V         |
| C657                       | F2A1V470B482  | ELECT 47U M 35V         |
| C658                       | F1H1H104A913  | CERAMIC 0.1U K 50V      |
| C659                       | F1H1H104A913  | CERAMIC 0.1U K 50V      |
| C663                       | F1K3D220A009  | CERAMIC 22P J 2K        |
| C701                       | F1H1H471A792  | CERAMIC 470P J 50V      |
| C702                       | F1K1E4750002  | CERAMIC 4.7U K 25V      |
| C703                       | F1J1E225A178  | CERAMIC 2.2U K 25V      |
| C704                       | F1J1E225A178  | CERAMIC 2.2U K 25V      |
| C705                       | F1H1H1010005  | CERAMIC 100P J 50V      |
| C706                       | F1H1H1010005  | CERAMIC 100P J 50V      |
| C707                       | F1H1H471A792  | CERAMIC 470P J 50V      |
| C708                       | F0C2E474A250  | MT-POLYPRO 0.47U J 250V |
| C709                       | F1H1H102A219  | CERAMIC 1000P K 50V     |

| Schematic Location | Part No.     | Description         |
|--------------------|--------------|---------------------|
| C710               | F1H1H152A219 | CERAMIC 1500P K 50V |
| C711               | F1H1H152A219 | CERAMIC 1500P K 50V |
| C713               | F1H1H1010005 | CERAMIC 100P J 50V  |
| C714               | F1H1H103A219 | CERAMIC 0.01U K 50V |
| C715               | F1J1E225A178 | CERAMIC 2.2U K 25V  |
| C717               | F1J1E225A178 | CERAMIC 2.2U K 25V  |
| C718               | F1K1E4750002 | CERAMIC 4.7U K 25V  |
| C719               | F1J1E225A178 | CERAMIC 2.2U K 25V  |
| C720               | F1H1C474A118 | CERAMIC 0.47U K 16V |
| C721               | F1K1H105A138 | CERAMIC 1U K 50V    |
| C722               | F1K1H105A138 | CERAMIC 1U K 50V    |
| C723               | F1K1H105A138 | CERAMIC 1U K 50V    |
| C724               | F1H1H681A831 | CERAMIC 680P J 50V  |
| C725               | F1H1H681A831 | CERAMIC 680P J 50V  |
| C733               | F1B3A471A009 | CERAMIC 470P K 1K   |
|                    | F1B3A471A027 | CERAMIC 470P K 1K   |
|                    | F1B3A471A083 | CERAMIC 470P K 1K   |
|                    | F1B3A471A088 | CERAMIC 470P K 1K   |
| C734               | F2A1E1020137 | ELECT 1000U M 25V   |
|                    | F2A1E1020138 | ELECT 1000U M 25V   |
|                    | F2A1E1020139 | ELECT 1000U M 25V   |
| C735               | F2A1E1020137 | ELECT 1000U M 25V   |
|                    | F2A1E1020138 | ELECT 1000U M 25V   |
|                    | F2A1E1020139 | ELECT 1000U M 25V   |
| C736               | F2A1E3310095 | ELECT 330U M 25V    |
| C737               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C738               | F1J1H474A757 | CERAMIC 0.47U K 50V |
| C739               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C740               | F1H1H102A219 | CERAMIC 1000P K 50V |
| C741               | F1B3A471A009 | CERAMIC 470P K 1K   |
|                    | F1B3A471A027 | CERAMIC 470P K 1K   |
|                    | F1B3A471A083 | CERAMIC 470P K 1K   |
|                    | F1B3A471A088 | CERAMIC 470P K 1K   |
| C742               | F2A1C1520047 | ELECT 1500U M 16V   |
| C743               | F2A1C1520047 | ELECT 1500U M 16V   |
| C744               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C745               | F2A1E3310095 | ELECT 330U M 25V    |
| C746               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C747               | F1K1H105A138 | CERAMIC 1U K 50V    |
| C748               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C749               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C750               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C751               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C753               | F1H1H104A913 | CERAMIC 0.1U K 50V  |
| C755               | F1H1H222A219 | CERAMIC 2200P K 50V |

## DIODES

|      |               |                           |
|------|---------------|---------------------------|
| D601 | B0EBLT000001  | DIODE D4SB80              |
| D602 | B0EALR000036  | DIODE RL255(MM31)         |
| D603 | B0EAMR000025  | DIODE LUR460-M            |
| D604 | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
|      | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|      | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
| D605 | B0ACCK000005  | DIODE 1SS355-TE-17        |
|      | B0ACCK000019  | DIODE 1SS355              |
|      | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |

| Schematic Location | Part No.      | Description               |
|--------------------|---------------|---------------------------|
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
| D610               | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
|                    | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|                    | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
| D611               | B0ECGP000008  | DIODE RS07G               |
| D612               | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
| D613               | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
| D614               | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
| D615               | B3PAA0000610  | PHOTO COUPLE BPC-817MC    |
|                    | B3PAA0000612  | PHOTO COUPLE PC123X5YFZ0F |
| D616               | B3PAA0000610  | PHOTO COUPLE BPC-817MC    |
|                    | B3PAA0000612  | PHOTO COUPLE PC123X5YFZ0F |
| D617               | B3PAA0000610  | PHOTO COUPLE BPC-817MC    |
|                    | B3PAA0000612  | PHOTO COUPLE PC123X5YFZ0F |
| D618               | B0HADP000012  | DIODE EU1                 |
| D621               | B0HAGS000003  | DIODE EGO1C               |
| D622               | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
|                    | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|                    | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
| D623               | B0BC6R100010  | ZD UDZS-TE-176.2B         |
|                    | B0BC6R2A0384  | ZENER DIODE MM3Z6V2B      |
|                    | DZDZ2J062M0LG | ZD DIODE DZ2J062M0L       |
| D624               | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
|                    | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|                    | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
| D627               | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
|                    | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|                    | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
| D701               | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
|                    | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|                    | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
| D702               | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
|                    | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|                    | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
| D703               | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
|                    | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|                    | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
| D704               | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
| D705               | B0ACCK000005  | DIODE 1SS355-TE-17        |

| Schematic Location | Part No.      | Description               |
|--------------------|---------------|---------------------------|
| D706               | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0BC01600013  | ZENER DIODE UDZS16B-TE-17 |
| D707               | B0BC016A0383  | ZENER DIODE MM3Z 16B      |
|                    | DZDZ2J160M0LG | ZD DIODE DZ2J160M0L       |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D708               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D709               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D710               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D711               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D712               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D713               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D714               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D715               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |
| D716               | B0ACDJ000017  | DIODE 1SS352(TH3 F T)     |
|                    | DDDA2J10100LG | DIODE DA2J10100L          |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17        |
|                    | B0ACCK000019  | DIODE 1SS355              |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)       |

| Schematic Location | Part No.      | Description                |
|--------------------|---------------|----------------------------|
| D720               | DDDA2J10100LG | DIODE DA2J10100L           |
|                    | B0FAAM000011  | DIODE SF54G-M              |
|                    | D721          | B0ACCK000019               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
| D722               | DDDA2J10100LG | DIODE DA2J10100L           |
|                    | B0BC3R6A0384  | ZENER DIODE MM3Z3V6B       |
|                    | B0BC3R700004  | ZENER DIODE UDZS3.6B-TE-17 |
|                    | DZDZ2J036M0LG | ZD DIODE DZ2J036M0L        |
|                    | B0ACCK000005  | DIODE 1SS355-TE-17         |
| D723               | B0ACCK000019  | DIODE 1SS355               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
|                    | DDDA2J10100LG | DIODE DA2J10100L           |
|                    | B0FAAM000011  | DIODE SF54G-M              |
| D724               | B0ACCK000005  | DIODE 1SS355-TE-17         |
|                    | B0ACCK000019  | DIODE 1SS355               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
|                    | DDDA2J10100LG | DIODE DA2J10100L           |
| D725               | B0ACCK000005  | DIODE 1SS355-TE-17         |
|                    | B0ACCK000019  | DIODE 1SS355               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
|                    | DDDA2J10100LG | DIODE DA2J10100L           |
| D726               | B0ACCK000005  | DIODE 1SS355-TE-17         |
|                    | B0ACCK000019  | DIODE 1SS355               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
|                    | DDDA2J10100LG | DIODE DA2J10100L           |
| D728               | B0ACCK000005  | DIODE 1SS355-TE-17         |
|                    | B0ACCK000019  | DIODE 1SS355               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
|                    | DDDA2J10100LG | DIODE DA2J10100L           |
| D730               | B0ACCK000005  | DIODE 1SS355-TE-17         |
|                    | B0ACCK000019  | DIODE 1SS355               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
|                    | DDDA2J10100LG | DIODE DA2J10100L           |
| D733               | B0ACCK000005  | DIODE 1SS355-TE-17         |
|                    | B0ACCK000019  | DIODE 1SS355               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
|                    | DDDA2J10100LG | DIODE DA2J10100L           |
| D734               | B0ACCK000005  | DIODE 1SS355-TE-17         |
|                    | B0ACCK000019  | DIODE 1SS355               |
|                    | B0ACDJ000007  | DIODE 1SS352-(TPH3)        |
|                    | B0ACDJ000017  | DIODE 1SS352(TH3 F T)      |
|                    | DDDA2J10100LG | DIODE DA2J10100L           |
| D737               | B0FAAM000011  | DIODE SF54G-M              |
|                    | B0FAAM000011  | DIODE SF54G-M              |

## INTEGRATED CIRCUITS

|       |              |                  |
|-------|--------------|------------------|
| IC601 | C0DBZZ00084  | IC L6562ADTR     |
| IC602 | QXXAVD343—M  | IC MIP0040MSSCF  |
| IC701 | C0HBA0000347 | IC MP1008ES      |
| IC702 | C0JBZU000003 | IC N5100V        |
| IC704 | C0DBEYY00238 | IC AZ431AN-ATRE1 |
| IC706 | C0DAAYY00072 | IC TL431ATA      |

## COILS

|      |              |                   |
|------|--------------|-------------------|
| L601 | GOB103G00022 | LINE FILTER       |
| L602 | GOB103G00022 | LINE FILTER       |
| L604 | G0C301K00002 | “INDUCTOR ,300UH” |
| L701 | G0C1R0Z00001 | “INDUCTOR,1.0UH”  |

| Schematic Location | Part No.     | Description          |
|--------------------|--------------|----------------------|
|                    | G0C1R0Z00002 | "INDUCTOR,1.0UH"     |
| <b>TRANSISTORS</b> |              |                      |
| Q601               | B1DEGR000064 | TR NDF10N60ZH        |
| Q604               | B1ADGF000013 | TR 50A02CH-TL-E      |
| Q605               | B1DEGQ000086 | TR MDF12N50FTH       |
| Q606               | B1DEGQ000086 | TR MDF12N50FTH       |
| Q607               | B1CFHF000007 | TR 2N7002            |
|                    | B1CFHG000032 | TR INK0010AC1-T112-1 |
| Q608               | B1CFHF000007 | TR 2N7002            |
|                    | B1CFHG000032 | TR INK0010AC1-T112-1 |
| Q609               | B1ABCE000028 | TR MMBTSC3928R       |
|                    | B1ABDF000013 | TR 2SC3928A1R        |
|                    | B1ABDF000024 | TR 2SC3928A1S        |
| Q613               | B1DEDR000007 | TR MDF7N65BTH        |
| Q680               | B1CFHF000007 | TR 2N7002            |
|                    | B1CFHG000032 | TR INK0010AC1-T112-1 |
| Q681               | B1CFHF000007 | TR 2N7002            |
|                    | B1CFHG000032 | TR INK0010AC1-T112-1 |
| Q702               | B1CFHF000007 | TR 2N7002            |
|                    | B1CFHG000032 | TR INK0010AC1-T112-1 |
| Q703               | B1CFHF000007 | TR 2N7002            |
|                    | B1CFHG000032 | TR INK0010AC1-T112-1 |
| Q704               | B1ADCE000028 | TR MMBTSA1235F       |
|                    | B1ADCF000004 | TR 2SA1037AK-S-T146  |
|                    | B1ADCF000194 | TR ISA1235AC1F       |
|                    | B1ADCF000195 | TR 2SA1037AK-T146-R  |
|                    | B1ADCF000201 | TR ISA1235AC1E       |
|                    | B1ADDF000004 | TR 2SA1235A1F        |
|                    | B1ADDF000017 | TR 2SA1235A1E        |
| Q705               | B1ABCE000028 | TR MMBTSC3928R       |
|                    | B1ABDF000013 | TR 2SC3928A1R        |
|                    | B1ABDF000024 | TR 2SC3928A1S        |
| Q706               | B1CFHF000007 | TR 2N7002            |
|                    | B1CFHG000032 | TR INK0010AC1-T112-1 |
| Q707               | B1CFHF000007 | TR 2N7002            |
|                    | B1CFHG000032 | TR INK0010AC1-T112-1 |
| Q710               | B1DHGE000004 | TR MDD3754RH         |
| Q711               | B1ABCE000028 | TR MMBTSC3928R       |
|                    | B1ABDF000013 | TR 2SC3928A1R        |
|                    | B1ABDF000024 | TR 2SC3928A1S        |
| Q712               | B1ADCE000028 | TR MMBTSA1235F       |
|                    | B1ADCF000004 | TR 2SA1037AK-S-T146  |
|                    | B1ADCF000194 | TR ISA1235AC1F       |
|                    | B1ADCF000195 | TR 2SA1037AK-T146-R  |
|                    | B1ADCF000201 | TR ISA1235AC1E       |
|                    | B1ADDF000004 | TR 2SA1235A1F        |
|                    | B1ADDF000017 | TR 2SA1235A1E        |
| Q713               | B1ABCE000028 | TR MMBTSC3928R       |
|                    | B1ABDF000013 | TR 2SC3928A1R        |
|                    | B1ABDF000024 | TR 2SC3928A1S        |
| Q714               | B1ABCE000028 | TR MMBTSC3928R       |
|                    | B1ABDF000013 | TR 2SC3928A1R        |
|                    | B1ABDF000024 | TR 2SC3928A1S        |
| Q715               | B1ABCE000028 | TR MMBTSC3928R       |
|                    | B1ABDF000013 | TR 2SC3928A1R        |

| Schematic Location | Part No.     | Description              |
|--------------------|--------------|--------------------------|
|                    | B1ABDF000024 | TR 2SC3928A1S            |
| Q716               | B1ABCE000028 | TR MMBTSC3928R           |
|                    | B1ABDF000013 | TR 2SC3928A1R            |
|                    | B1ABDF000024 | TR 2SC3928A1S            |
| <b>RESISTORS</b>   |              |                          |
| R601               | D4CAY4R00001 | THERMISTOR NTPA74R0LBMB0 |
| R602               | D0AF685JA139 | RESISTER 6.8M JA 1/2W    |
| R604               | D0AF105JA139 | RESISTER 1.0M JA 1/2W    |
| R605               | D0GB104JA041 | MT-GLAZE 100K JA 1/10W   |
|                    | D0GB104JA068 | MT-GLAZE 100K JA 1/10W   |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W   |
| R606               | D0GF100JA064 | MT-GLAZE 10 JA 1/4W      |
|                    | D0GF100JA077 | MT-GLAZE 10 JA 1/4W      |
|                    | D0GZ100JA018 | MT-GLAZE 10 JA 1/4W      |
| R607               | D0GB103JA041 | MT-GLAZE 10K JA 1/10W    |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W    |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W    |
| R609               | D0GF4R7JA077 | MT-GLAZE 4.7 JA 1/4W     |
|                    | D0GZ4R7JA018 | MT-GLAZE 4.7 JA 1/4W     |
| R610               | D0GF100JA064 | MT-GLAZE 10 JA 1/4W      |
|                    | D0GF100JA077 | MT-GLAZE 10 JA 1/4W      |
|                    | D0GZ100JA018 | MT-GLAZE 10 JA 1/4W      |
| R611               | D0GB473JA041 | MT-GLAZE 47K JA 1/10W    |
|                    | D0GB473JA072 | MT-GLAZE 47K JA 1/10W    |
|                    | D0GB473JA089 | MT-GLAZE 47K JA 1/10W    |
| R613               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W     |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W     |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W     |
| R615               | D0C1R22JA070 | OXIDE-MT 0.22 JA 1W      |
| R616               | D1BF7503A052 | MT-GLAZE 750K FA 1/4W    |
| R618               | D1BF7503A052 | MT-GLAZE 750K FA 1/4W    |
| R619               | D0GB392ZA038 | MT-GLAZE 3.9K FA 1/10W   |
|                    | D1BB3901A055 | MT-GLAZE 3.9K FA 1/10W   |
| R620               | D0GB682ZA038 | MT-GLAZE 6.8K FA 1/10W   |
|                    | D1BB6801A055 | MT-GLAZE 6.8K FA 1/10W   |
| R621               | D0GB153JA041 | MT-GLAZE 15K JA 1/10W    |
|                    | D0GB153JA072 | MT-GLAZE 15K JA 1/10W    |
|                    | D0GB153JA089 | MT-GLAZE 15K JA 1/10W    |
| R622               | D0GF333JA064 | MT-GLAZE 33K JA 1/4W     |
|                    | D0GF333JA077 | MT-GLAZE 33K JA 1/4W     |
|                    | D0GZ333JA018 | MT-GLAZE 33K JA 1/4W     |
| R623               | D0GF105JA064 | MT-GLAZE 1M JA 1/4W      |
|                    | D0GF105JA077 | MT-GLAZE 1M JA 1/4W      |
|                    | D0GZ105JA023 | MT-GLAZE 1M JA 1/4W      |
| R624               | D0GF105JA064 | MT-GLAZE 1M JA 1/4W      |
|                    | D0GF105JA077 | MT-GLAZE 1M JA 1/4W      |
|                    | D0GZ105JA023 | MT-GLAZE 1M JA 1/4W      |
| R625               | D0GB103ZA038 | MT-GLAZE 10K FA 1/10W    |
|                    | D0GB103ZA063 | MT-GLAZE 10K FA 1/10W    |
|                    | D1BB1002A055 | MT-GLAZE 10K FA 1/10W    |
| R626               | D0GB103ZA038 | MT-GLAZE 10K FA 1/10W    |
|                    | D0GB103ZA063 | MT-GLAZE 10K FA 1/10W    |
|                    | D1BB1002A055 | MT-GLAZE 10K FA 1/10W    |
| R627               | D0GF330JA064 | MT-GLAZE 33 JA 1/4W      |

| Schematic Location | Part No.     | Description            |
|--------------------|--------------|------------------------|
| R628               | D0GF330JA077 | MT-GLAZE 33 JA 1/4W    |
|                    | D0GZ330J0001 | MT-GLAZE 33 JA 1/4W    |
|                    | D0GF220JA077 | MT-GLAZE 22 JA 1/4W    |
| R629               | D0GZ220JA018 | MT-GLAZE 22 JA 1/4W    |
|                    | D0GF330JA064 | MT-GLAZE 33 JA 1/4W    |
|                    | D0GF330JA077 | MT-GLAZE 33 JA 1/4W    |
| R630               | D0GZ330J0001 | MT-GLAZE 33 JA 1/4W    |
|                    | D0GF220JA077 | MT-GLAZE 22 JA 1/4W    |
|                    | D0GZ220JA018 | MT-GLAZE 22 JA 1/4W    |
| R631               | D0GZ510JA018 | MT-GLAZE 51 JA 1/4W    |
| R632               | D0GZ510JA018 | MT-GLAZE 51 JA 1/4W    |
| R633               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W   |
| R634               | D0GF105JA064 | MT-GLAZE 1M JA 1/4W    |
|                    | D0GF105JA077 | MT-GLAZE 1M JA 1/4W    |
|                    | D0GZ105JA023 | MT-GLAZE 1M JA 1/4W    |
| R635               | D0GB223ZA038 | MT-GLAZE 22K FA 1/10W  |
|                    | D0GB223ZA063 | MT-GLAZE 22K FA 1/10W  |
|                    | D1BB2202A055 | MT-GLAZE 22K FA 1/10W  |
| R636               | D0C1R39JA070 | OXIDE-MT 0.39 JA 1W    |
| R637               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W   |
| R638               | D0GF220JA077 | MT-GLAZE 22 JA 1/4W    |
|                    | D0GZ220JA018 | MT-GLAZE 22 JA 1/4W    |
|                    | D0GF100JA064 | MT-GLAZE 10 JA 1/4W    |
| R639               | D0GF100JA077 | MT-GLAZE 10 JA 1/4W    |
|                    | D0GZ100JA018 | MT-GLAZE 10 JA 1/4W    |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
| R640               | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |
| R641               | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W |
| R642               | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
| R643               | D0GZ823JA018 | MT-GLAZE 82K JA 1/4W   |
| R644               | D0GF221JA064 | MT-GLAZE 220 JA 1/4W   |
|                    | D0GF221JA077 | MT-GLAZE 220 JA 1/4W   |
|                    | D1BF2200A068 | MT-GLAZE 220 JA 1/4W   |
| R645               | D0GZ823JA018 | MT-GLAZE 82K JA 1/4W   |
| R646               | D0GF221JA064 | MT-GLAZE 220 JA 1/4W   |
|                    | D0GF221JA077 | MT-GLAZE 220 JA 1/4W   |
|                    | D1BF2200A068 | MT-GLAZE 220 JA 1/4W   |
| R647               | D0GZ823JA018 | MT-GLAZE 82K JA 1/4W   |
| R648               | D0GB472JA041 | MT-GLAZE 4.7K JA 1/10W |
|                    | D0GB472JA072 | MT-GLAZE 4.7K JA 1/10W |
|                    | D0GB472JA089 | MT-GLAZE 4.7K JA 1/10W |
| R649               | D0GZ823JA018 | MT-GLAZE 82K JA 1/4W   |
| R650               | D0GB105JA041 | MT-GLAZE 1M JA 1/10W   |
|                    | D0GB105JA071 | MT-GLAZE 1M JA 1/10W   |
|                    | D0GB105JA089 | MT-GLAZE 1M JA 1/10W   |
| R651               | D0GB683JA041 | MT-GLAZE 68K JA 1/10W  |
|                    | D0GB683JA070 | MT-GLAZE 68K JA 1/10W  |

| Schematic Location | Part No.     | Description            |
|--------------------|--------------|------------------------|
| R652               | D0GB683JA089 | MT-GLAZE 68K JA 1/10W  |
|                    | D0GB683JA041 | MT-GLAZE 68K JA 1/10W  |
|                    | D0GB683JA070 | MT-GLAZE 68K JA 1/10W  |
| R653               | D0GB683JA089 | MT-GLAZE 68K JA 1/10W  |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
| R654               | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GF330JA064 | MT-GLAZE 33 JA 1/4W    |
|                    | D0GF330JA077 | MT-GLAZE 33 JA 1/4W    |
| R655               | D0GZ330J0001 | MT-GLAZE 33 JA 1/4W    |
|                    | D0GF105JA064 | MT-GLAZE 1M JA 1/4W    |
|                    | D0GF105JA077 | MT-GLAZE 1M JA 1/4W    |
| R656               | D0GZ105JA023 | MT-GLAZE 1M JA 1/4W    |
|                    | D0GB273ZA038 | MT-GLAZE 27K FA 1/10W  |
|                    | D0GB273ZA063 | MT-GLAZE 27K FA 1/10W  |
| R657               | D1BB2702A055 | MT-GLAZE 27K FA 1/10W  |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
| R659               | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
|                    | D0C11R0JA070 | OXIDE-MT 1 JA 1W       |
|                    | D0GB223JA041 | MT-GLAZE 22K JA 1/10W  |
| R660               | D0GB223JA070 | MT-GLAZE 22K JA 1/10W  |
|                    | D0GB223JA089 | MT-GLAZE 22K JA 1/10W  |
| R661               | D0GF101JA064 | MT-GLAZE 100 JA 1/4W   |
|                    | D0GF101JA077 | MT-GLAZE 100 JA 1/4W   |
|                    | D1BF1000A068 | MT-GLAZE 100 JA 1/4W   |
| R662               | D0GF330JA064 | MT-GLAZE 33 JA 1/4W    |
|                    | D0GF330JA077 | MT-GLAZE 33 JA 1/4W    |
|                    | D0GZ330J0001 | MT-GLAZE 33 JA 1/4W    |
| R663               | D0GB104JA041 | MT-GLAZE 100K JA 1/10W |
|                    | D0GB104JA068 | MT-GLAZE 100K JA 1/10W |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W |
| R664               | D0GB563JA041 | MT-GLAZE 56K JA 1/10W  |
|                    | D0GB563JA072 | MT-GLAZE 56K JA 1/10W  |
|                    | D0GB563JA089 | MT-GLAZE 56K JA 1/10W  |
| R665               | D0GF221JA064 | MT-GLAZE 220 JA 1/4W   |
|                    | D0GF221JA077 | MT-GLAZE 220 JA 1/4W   |
|                    | D1BF2200A068 | MT-GLAZE 220 JA 1/4W   |
| R666               | D0GB105JA041 | MT-GLAZE 1M JA 1/10W   |
|                    | D0GB105JA071 | MT-GLAZE 1M JA 1/10W   |
|                    | D0GB105JA089 | MT-GLAZE 1M JA 1/10W   |
| R667               | D0GB335JA072 | MT-GLAZE 3.3M JA 1/10W |
|                    | D0GB335JA090 | MT-GLAZE 3.3M JA 1/10W |
|                    | D0GF221JA064 | MT-GLAZE 220 JA 1/4W   |
| R668               | D0GF221JA077 | MT-GLAZE 220 JA 1/4W   |
|                    | D1BF2200A068 | MT-GLAZE 220 JA 1/4W   |
|                    | D0GB104JA041 | MT-GLAZE 100K JA 1/10W |
| R669               | D0GB104JA068 | MT-GLAZE 100K JA 1/10W |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W |
|                    | D0GB104JA041 | MT-GLAZE 100K JA 1/10W |
| R670               | D0GB104JA068 | MT-GLAZE 100K JA 1/10W |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W |
|                    | D0GB104JA041 | MT-GLAZE 100K JA 1/10W |
| R671               | D0GB104JA068 | MT-GLAZE 100K JA 1/10W |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W |
|                    | D0GB104JA041 | MT-GLAZE 100K JA 1/10W |
| R676               | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |

| Schematic Location | Part No.     | Description             |
|--------------------|--------------|-------------------------|
| R680               | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W  |
|                    | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W  |
|                    | D0GF221JA064 | MT-GLAZE 220 JA 1/4W    |
|                    | D0GF221JA077 | MT-GLAZE 220 JA 1/4W    |
| R688               | D1BF2200A068 | MT-GLAZE 220 JA 1/4W    |
|                    | D0GB395JA072 | MT-GLAZE 3.9M JA 1/10W  |
|                    | D0GB395JA090 | MT-GLAZE 3.9M JA 1/10W  |
| R701               | D0GB395JA096 | MT-GLAZE 3.9M JA 1/10W  |
|                    | D0GF100JA077 | MT-GLAZE 10 JA 1/4W     |
|                    | D0GZ100JA018 | MT-GLAZE 10 JA 1/4W     |
| R702               | D0GB181JA041 | MT-GLAZE 180 JA 1/10W   |
|                    | D0GB181JA069 | MT-GLAZE 180 JA 1/10W   |
|                    | D0GB181JA089 | MT-GLAZE 180 JA 1/10W   |
| R703               | D0GB181JA041 | MT-GLAZE 180 JA 1/10W   |
|                    | D0GB181JA069 | MT-GLAZE 180 JA 1/10W   |
|                    | D0GB181JA089 | MT-GLAZE 180 JA 1/10W   |
| R706               | D1BB3304A181 | MT-GLAZE 3.3M FA 1/10W  |
| R707               | D1BB3304A181 | MT-GLAZE 3.3M FA 1/10W  |
| R708               | D1BB3304A181 | MT-GLAZE 3.3M FA 1/10W  |
| R709               | D0GB683ZA038 | MT-GLAZE 68K FA 1/10W   |
|                    | D0GB683ZA063 | MT-GLAZE 68K FA 1/10W   |
| R710               | D1BB6802A055 | MT-GLAZE 68K FA 1/10W   |
|                    | D0GB822ZA038 | MT-GLAZE 8.2K FA 1/10W  |
|                    | D0GB822ZA063 | MT-GLAZE 8.2K FA 1/10W  |
| R711               | D1BB8201A055 | MT-GLAZE 8.2K FA 1/10W  |
|                    | D0GB823ZA038 | MT-GLAZE 82K FA 1/10W   |
|                    | D0GB823ZA063 | MT-GLAZE 82K FA 1/10W   |
| R712               | D0GB513JA072 | MT-GLAZE 51K JA 1/10W   |
|                    | D0GB513JA089 | MT-GLAZE 51K JA 1/10W   |
| R713               | D1BB3304A181 | MT-GLAZE 3.3M FA 1/10W  |
| R714               | D0GBR00JA071 | MT-GLAZE 0.000 ZA 1/10W |
|                    | D0GBR00Z0002 | MT-GLAZE 0.000 ZA 1/10W |
| R715               | D0GB683JA041 | MT-GLAZE 68K JA 1/10W   |
|                    | D0GB683JA070 | MT-GLAZE 68K JA 1/10W   |
|                    | D0GB683JA089 | MT-GLAZE 68K JA 1/10W   |
| R716               | D0GB104JA041 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA068 | MT-GLAZE 100K JA 1/10W  |
|                    | D0GB104JA089 | MT-GLAZE 100K JA 1/10W  |
| R717               | D0GB393ZA038 | MT-GLAZE 39K FA 1/10W   |
|                    | D0GB393ZA063 | MT-GLAZE 39K FA 1/10W   |
|                    | D1BB3902A055 | MT-GLAZE 39K FA 1/10W   |
| R718               | D0GB103ZA038 | MT-GLAZE 10K FA 1/10W   |
|                    | D0GB103ZA063 | MT-GLAZE 10K FA 1/10W   |
|                    | D1BB1002A055 | MT-GLAZE 10K FA 1/10W   |
| R719               | D0GF101JA064 | MT-GLAZE 100 JA 1/4W    |
|                    | D0GF101JA077 | MT-GLAZE 100 JA 1/4W    |
|                    | D1BF1000A068 | MT-GLAZE 100 JA 1/4W    |
| R720               | D0GB473ZA038 | MT-GLAZE 47K FA 1/10W   |
|                    | D0GB473ZA063 | MT-GLAZE 47K FA 1/10W   |
|                    | D1BB4702A055 | MT-GLAZE 47K FA 1/10W   |
| R721               | D0GB473ZA038 | MT-GLAZE 47K FA 1/10W   |
|                    | D0GB473ZA063 | MT-GLAZE 47K FA 1/10W   |
|                    | D1BB4702A055 | MT-GLAZE 47K FA 1/10W   |
| R722               | D0GB473ZA038 | MT-GLAZE 47K FA 1/10W   |
|                    | D0GB473ZA063 | MT-GLAZE 47K FA 1/10W   |
|                    | D1BB4702A055 | MT-GLAZE 47K FA 1/10W   |

| Schematic Location | Part No.     | Description            |
|--------------------|--------------|------------------------|
| R723               | D0GB473ZA038 | MT-GLAZE 47K FA 1/10W  |
|                    | D0GB473ZA063 | MT-GLAZE 47K FA 1/10W  |
|                    | D1BB4702A055 | MT-GLAZE 47K FA 1/10W  |
| R724               | D0GB302ZA038 | MT-GLAZE 3K FA 1/10W   |
|                    | D0GB302ZA063 | MT-GLAZE 3K FA 1/10W   |
|                    | D1BB3301A055 | MT-GLAZE 3.3K FA 1/10W |
| R725               | D0GB512ZA038 | MT-GLAZE 5.1K FA 1/10W |
|                    | D0GB512ZA063 | MT-GLAZE 5.1K FA 1/10W |
|                    | D1BB5601A055 | MT-GLAZE 5.6K FA 1/10W |
| R726               | D0GB151ZA037 | MT-GLAZE 150 FA 1/10W  |
|                    | D0GB151ZA063 | MT-GLAZE 150 FA 1/10W  |
| R727               | D0GB151ZA037 | MT-GLAZE 150 FA 1/10W  |
|                    | D0GB151ZA063 | MT-GLAZE 150 FA 1/10W  |
| R728               | D0GB151ZA037 | MT-GLAZE 150 FA 1/10W  |
|                    | D0GB151ZA063 | MT-GLAZE 150 FA 1/10W  |
| R729               | D0GB151ZA037 | MT-GLAZE 150 FA 1/10W  |
|                    | D0GB151ZA063 | MT-GLAZE 150 FA 1/10W  |
| R730               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W   |
| R731               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W   |
| R732               | D0GB514JA068 | MT-GLAZE 510K JA 1/10W |
|                    | D0GB514JA089 | MT-GLAZE 510K JA 1/10W |
| R733               | D0GB514JA068 | MT-GLAZE 510K JA 1/10W |
|                    | D0GB514JA089 | MT-GLAZE 510K JA 1/10W |
| R734               | D0GB124JA041 | MT-GLAZE 120K JA 1/10W |
|                    | D0GB124JA089 | MT-GLAZE 120K JA 1/10W |
| R735               | D0GB563JA041 | MT-GLAZE 56K JA 1/10W  |
|                    | D0GB563JA072 | MT-GLAZE 56K JA 1/10W  |
|                    | D0GB563JA089 | MT-GLAZE 56K JA 1/10W  |
| R736               | D0GB184JA041 | MT-GLAZE 180K JA 1/10W |
|                    | D0GB184JA068 | MT-GLAZE 180K JA 1/10W |
|                    | D0GB184JA089 | MT-GLAZE 180K JA 1/10W |
| R737               | D0GB224JA041 | MT-GLAZE 220K JA 1/10W |
|                    | D0GB224JA068 | MT-GLAZE 220K JA 1/10W |
|                    | D0GB224JA089 | MT-GLAZE 220K JA 1/10W |
| R738               | D0GB224JA041 | MT-GLAZE 220K JA 1/10W |
|                    | D0GB224JA068 | MT-GLAZE 220K JA 1/10W |
|                    | D0GB224JA089 | MT-GLAZE 220K JA 1/10W |
| R739               | D0GB224JA041 | MT-GLAZE 220K JA 1/10W |
|                    | D0GB224JA068 | MT-GLAZE 220K JA 1/10W |
|                    | D0GB224JA089 | MT-GLAZE 220K JA 1/10W |
| R740               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W   |
| R750               | D0GB273JA041 | MT-GLAZE 27K JA 1/10W  |
|                    | D0GB273JA072 | MT-GLAZE 27K JA 1/10W  |
|                    | D0GB273JA089 | MT-GLAZE 27K JA 1/10W  |
| R751               | D0GB334JA041 | MT-GLAZE 330K JA 1/10W |
|                    | D0GB334JA068 | MT-GLAZE 330K JA 1/10W |
|                    | D0GB334JA089 | MT-GLAZE 330K JA 1/10W |
| R752               | D0GB562JA041 | MT-GLAZE 5.6K JA 1/10W |
|                    | D0GB562JA072 | MT-GLAZE 5.6K JA 1/10W |
|                    | D0GB562JA089 | MT-GLAZE 5.6K JA 1/10W |



| Schematic Location | Part No.     | Description            |
|--------------------|--------------|------------------------|
| R753               | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
| R754               | D0GB223ZA038 | MT-GLAZE 22K FA 1/10W  |
|                    | D0GB223ZA063 | MT-GLAZE 22K FA 1/10W  |
|                    | D1BB2202A055 | MT-GLAZE 22K FA 1/10W  |
| R755               | D0GB183ZA038 | MT-GLAZE 18K FA 1/10W  |
|                    | D0GB183ZA063 | MT-GLAZE 18K FA 1/10W  |
|                    | D1BB1802A055 | MT-GLAZE 18K FA 1/10W  |
| R756               | D0GB103ZA038 | MT-GLAZE 10K FA 1/10W  |
|                    | D0GB103ZA063 | MT-GLAZE 10K FA 1/10W  |
|                    | D1BB1002A055 | MT-GLAZE 10K FA 1/10W  |
| R757               | D0GB222JA041 | MT-GLAZE 2.2K JA 1/10W |
|                    | D0GB222JA072 | MT-GLAZE 2.2K JA 1/10W |
|                    | D0GB222JA089 | MT-GLAZE 2.2K JA 1/10W |
| R758               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W   |
| R760               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W   |
| R761               | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
| R762               | D0GB562JA041 | MT-GLAZE 5.6K JA 1/10W |
|                    | D0GB562JA072 | MT-GLAZE 5.6K JA 1/10W |
|                    | D0GB562JA089 | MT-GLAZE 5.6K JA 1/10W |
| R763               | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
| R764               | D0GB273JA041 | MT-GLAZE 27K JA 1/10W  |
|                    | D0GB273JA072 | MT-GLAZE 27K JA 1/10W  |
|                    | D0GB273JA089 | MT-GLAZE 27K JA 1/10W  |
| R765               | D0GB122JA041 | MT-GLAZE 1.2K JA 1/10W |
|                    | D0GB122JA072 | MT-GLAZE 1.2K JA 1/10W |
|                    | D0GB122JA089 | MT-GLAZE 1.2K JA 1/10W |
| R766               | D0GB471JA041 | MT-GLAZE 470 JA 1/10W  |
|                    | D0GB471JA069 | MT-GLAZE 470 JA 1/10W  |
|                    | D0GB471JA089 | MT-GLAZE 470 JA 1/10W  |
| R767               | D0GB103ZA038 | MT-GLAZE 10K FA 1/10W  |
|                    | D0GB103ZA063 | MT-GLAZE 10K FA 1/10W  |
|                    | D1BB1002A055 | MT-GLAZE 10K FA 1/10W  |
| R768               | D0GB912ZA038 | MT-GLAZE 9.1K FA 1/10W |
|                    | D0GB912ZA063 | MT-GLAZE 9.1K FA 1/10W |
| R769               | D0GB751ZA037 | MT-GLAZE 750 FA 1/10W  |
|                    | D0GB751ZA063 | MT-GLAZE 750 FA 1/10W  |
| R770               | D0GB103JA041 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W  |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W  |
| R772               | D0GB223JA041 | MT-GLAZE 22K JA 1/10W  |
|                    | D0GB223JA070 | MT-GLAZE 22K JA 1/10W  |
|                    | D0GB223JA089 | MT-GLAZE 22K JA 1/10W  |
| R773               | D0GB102JA041 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA071 | MT-GLAZE 1K JA 1/10W   |
|                    | D0GB102JA089 | MT-GLAZE 1K JA 1/10W   |
| R775               | D0GB471JA041 | MT-GLAZE 470 JA 1/10W  |

| Schematic Location | Part No.     | Description           |
|--------------------|--------------|-----------------------|
| R776               | D0GB471JA069 | MT-GLAZE 470 JA 1/10W |
|                    | D0GB471JA089 | MT-GLAZE 470 JA 1/10W |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R777               | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R778               | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
|                    | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
| R779               | D0GB223JA041 | MT-GLAZE 22K JA 1/10W |
|                    | D0GB223JA070 | MT-GLAZE 22K JA 1/10W |
|                    | D0GB223JA089 | MT-GLAZE 22K JA 1/10W |
| R780               | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R781               | D0GB103JA041 | MT-GLAZE 10K JA 1/10W |
|                    | D0GB103JA072 | MT-GLAZE 10K JA 1/10W |
|                    | D0GB103JA089 | MT-GLAZE 10K JA 1/10W |
| R782               | D0GB223JA041 | MT-GLAZE 22K JA 1/10W |
|                    | D0GB223JA070 | MT-GLAZE 22K JA 1/10W |
|                    | D0GB223JA089 | MT-GLAZE 22K JA 1/10W |
| R783               | D0GB103ZA038 | MT-GLAZE 10K FA 1/10W |
|                    | D0GB103ZA063 | MT-GLAZE 10K FA 1/10W |
|                    | D1BB1002A055 | MT-GLAZE 10K FA 1/10W |
| R784               | D0GF101JA064 | MT-GLAZE 100 JA 1/4W  |
|                    | D0GF101JA077 | MT-GLAZE 100 JA 1/4W  |
|                    | D1BF1000A068 | MT-GLAZE 100 JA 1/4W  |

| Schematic Location  | Part No.      | Description                 |
|---------------------|---------------|-----------------------------|
| <b>MISCELANEOUS</b> |               |                             |
| ⚠ A100              | 1LG0B10Y11700 | "ASSY,PWB,DIGITAL Z6TH"     |
| ⚠ A200              | 1LG0B10Y116A0 | "ASSY,PWB,POWER-Z6TJ"       |
| ⚠ A300              | 1LG0B10Y103B0 | "ASSY,PWB,ANALOG-COMP-Z6TH" |
| ⚠ A101              | 1LG0B10Y103BA | "ASSY,PWB,SUB_ANALOG-Z6TH"  |
| ⚠ A102              | 1LG0B10Y103BB | "ASSY,PWB,RC_ANALOG-Z6TH"   |
| ⚠ A6102             | J3ACAA000004  | "TUNER,U/V"                 |
| ⚠ EL901             | 1AV4T40C33600 | LCD(T320XVN02.0)            |
| ⚠ F601              | K5G402YA0131  | FUSE 250V 4A                |
| ⚠ F602              | K5G402YA0131  | FUSE 250V 4A                |
| K55SP               | K1KA04AA0180  | "PLUG,4P"                   |
| K5A55               | K1KY40B00017  | "PLUG,HOUSING 40P"          |
| K5B55               | K1KY32B00007  | "PLUG,HOUSING 32P"          |
| K5DL                | K1KA04AA0193  | "PLUG,4P"                   |
| K5DL                | K1KY04A00049  | "PLUG,4P"                   |
| K5F55               | K1KA04AA0193  | "PLUG,4P"                   |
| K5F55               | K1KY04A00049  | "PLUG,4P"                   |
| K5LV                | K1KY39A00001  | "PLUG,39P(40-1)"            |
| K6530               | K1FY119E0042  | "SOCKET,HDMI 19P"           |
| K6560               | K1FY119E0042  | "SOCKET,HDMI 19P"           |
| KUSB                | K1FY104B0066  | "SOCKET,USB 4P"             |
| KUSB                | K1FY104B0069  | "SOCKET,USB 4P"             |
| K601                | K1KA02B00295  | "PLUG,HOUSING 2P"           |
| K701                | K1KA12AA0194  | "PLUG,12P"                  |
| K702                | K1KY14AA0983  | "PLUG,14P"                  |
| K1000               | K2HA3YYA0002  | "JACK,RCA-3"                |
| K1020               | K2HA1YYB0026  | "JACK,RCA-1"                |
| K1030               | K2HA5YYA0004  | "JACK,RCA-5"                |
| K16A                | K1KY40BA0348  | "SOCKET,PWB 40P"            |
| K16B                | K1KY32BA0348  | "SOCKET,PWB 32P"            |
| K17                 | 1AA9W0EDM001- | NON STANDARD WIRE ASSY-JPN  |
| K17                 | 1AA9W0EDM002- | NON STANDARD WIRE ASSY-JPN  |
| K2401               | K2HC1YYB0066  | "JACK,PHONE D3.6"           |
| SPL                 | L0AA12C00016  | "SPEAKER,8"                 |
| SPR                 | L0AA12C00016  | "SPEAKER,8"                 |
| T601                | G4CYAYY00290  | "TRANS,POWER,PULSE"         |
| T602                | G4CYAYY00291  | "TRANS,POWER,PULSE"         |
| T603                | G4CYAYY00289  | "TRANS,POWER,PULSE"         |
| ⚠ VA601             | D4EAY3810001  | VARISTOR MYG3-14K385        |
| ⚠                   | D4EAY6210004  | VARISTOR S14K385E2K1        |
| W901                | K2CB2YY00081  | "CORD,POWER-2.0MK-VTR-02"   |
| ⚠ WK5LV-PN          | K1PY40Y00013  | "CORD, 30P-40P(LVDS)"       |
| ⚠                   | K1PY40Y00017  | "CORD, 30P-40P(LVDS)"       |
| X5500               | H0J240500077  | "OSC,CRYSTAL 24MHZ"         |

# SERVICE PARTS

"For Digital board replacement please get the correct assembly name/part number"

Service Name: ASSY,PWB,DIGITAL Z6TH

Japan BOM part number: 1LG0B10Y11700

"For Analog board replacement please get the correct assembly name/part number"

Service Name: ASSY,PWB,ANALOG-COMP-Z6TH

Japan BOM part number: 1LG0B10Y103B0

"For RC/LED unit replacement please get the correct assembly name/part number"

Service Name: ASSY,PWB,RC\_ANALOG-Z6TH

Japan BOM part number: 1LG0B10Y103BB

NOTE: This is a sub-assembly (A300) from ASSY,PWB,ANALOG-COMP-Z6TH

"For KEY unit replacement please get the correct assembly name/part number"

Service Name: ASSY ,PWB,KEY\_BOARD-Z5VT

Japan BOM part number: 1LG0B10Y11200

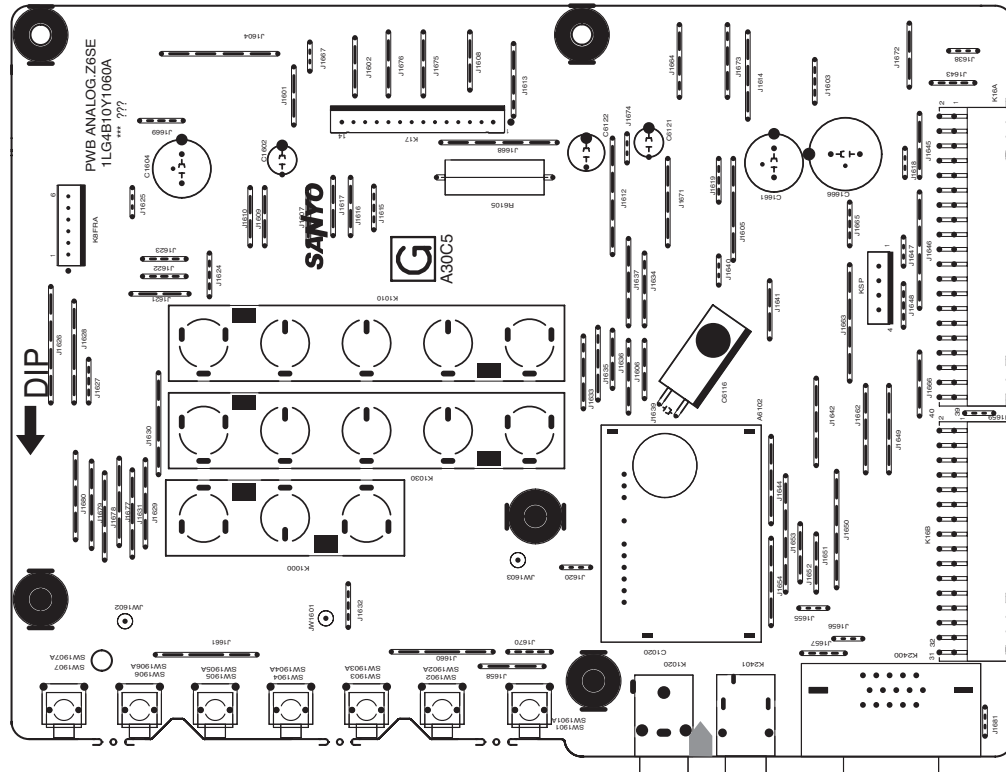
"For Power board replacement please get the correct assembly name/part number"

Service Name: ASSY,PWB,POWER-Z6TJ

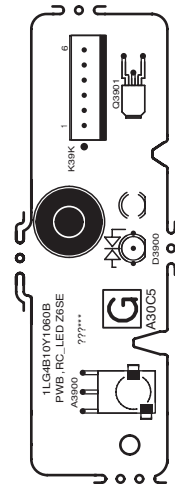
Japan BOM part number: 1LG0B10Y116A0

## COMPONENT AND TEST POINT LOCATIONS

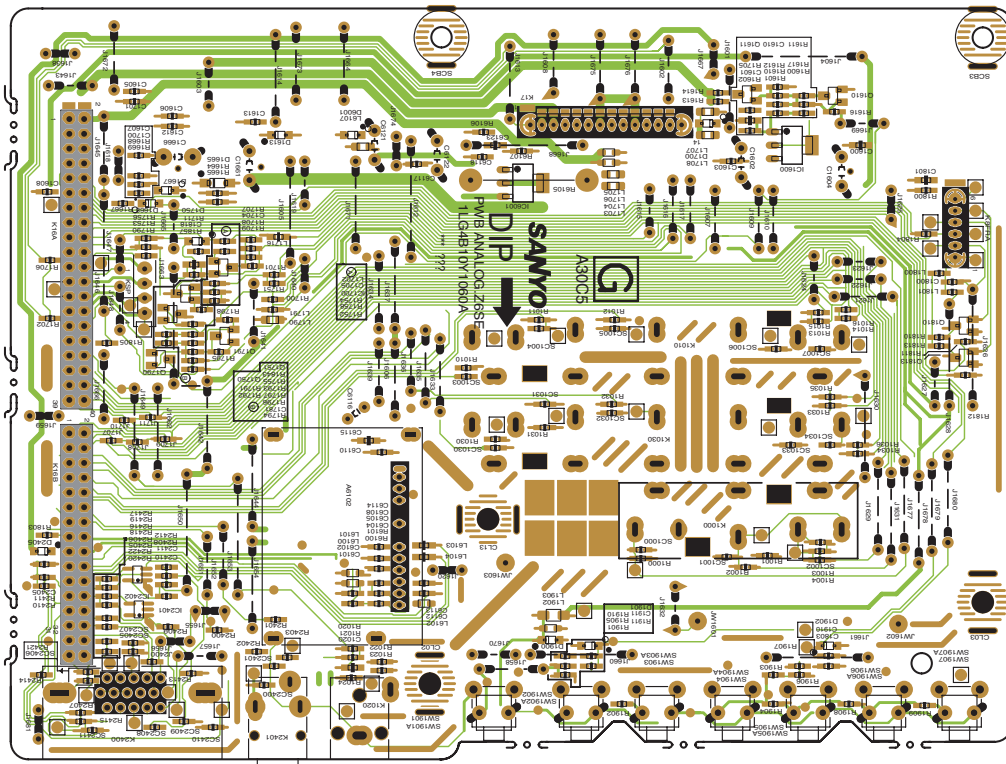
## ANALOG BOARD PARTS SIDE



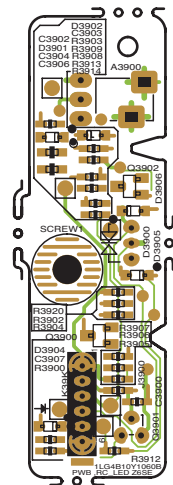
### PWB RC LED PARTS SIDE



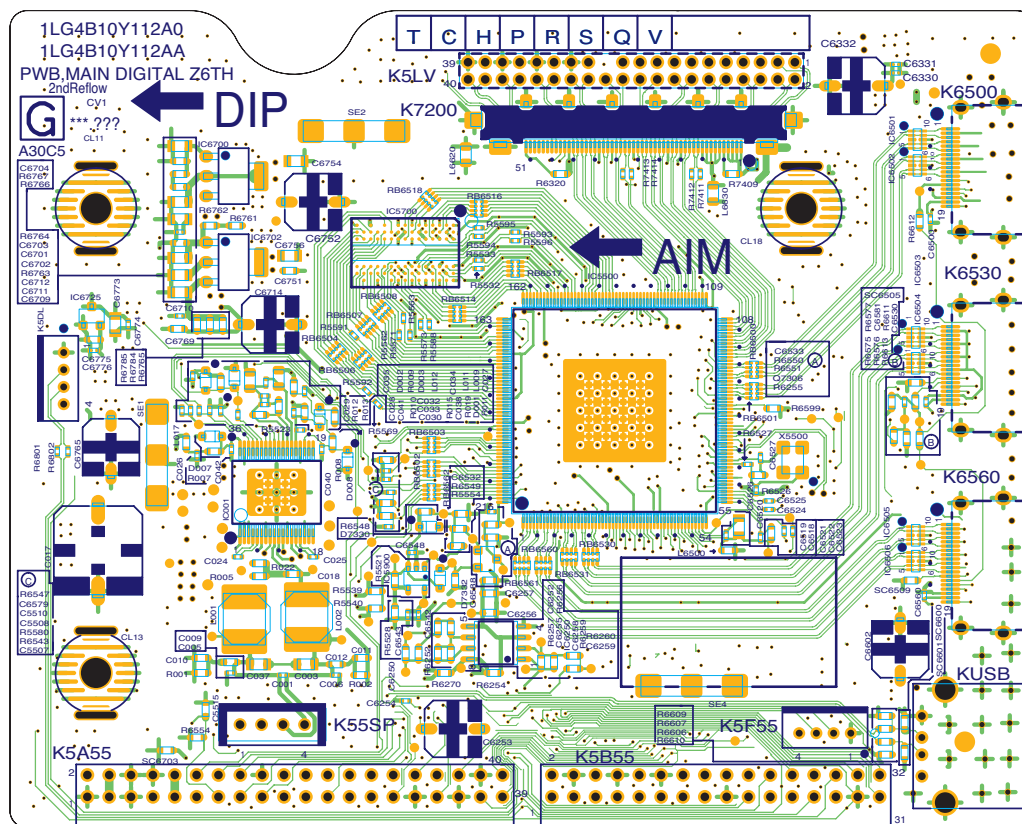
## ANALOG BOARD SOLDER SIDE



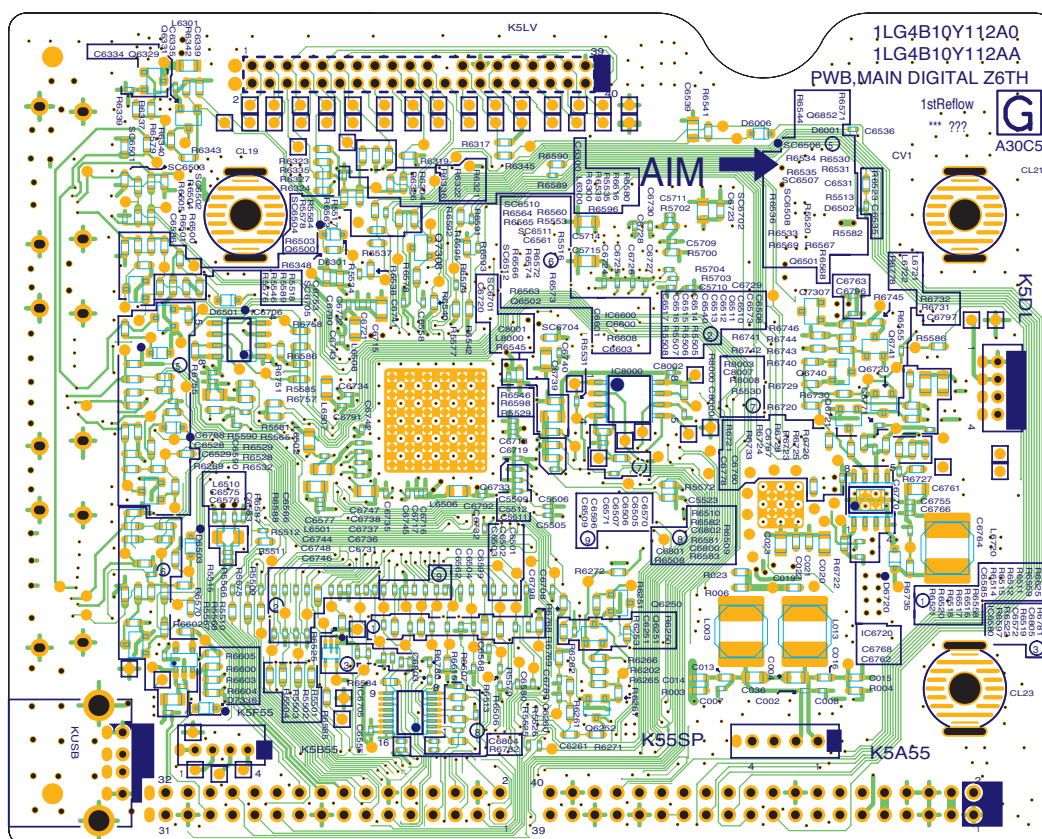
## PWB RC LED SOLDER SIDE



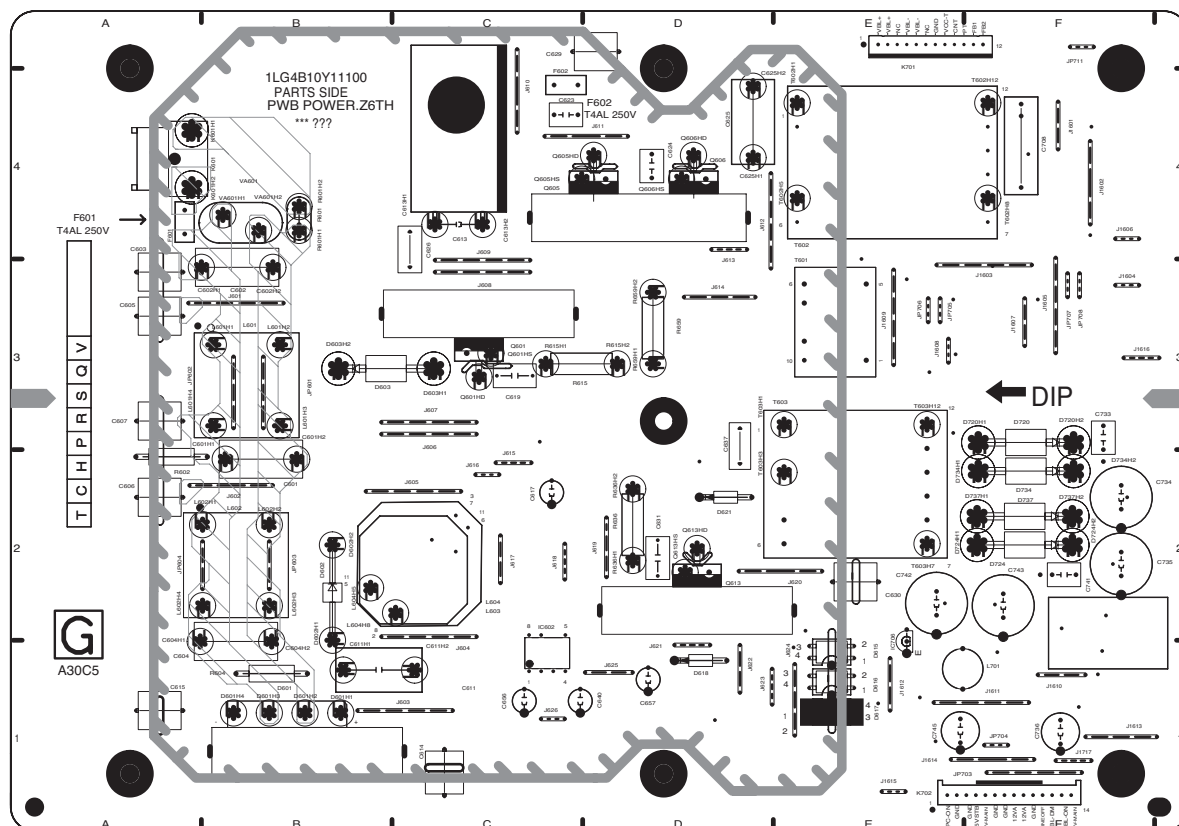
## DIGITAL BOARD PARTS SIDE



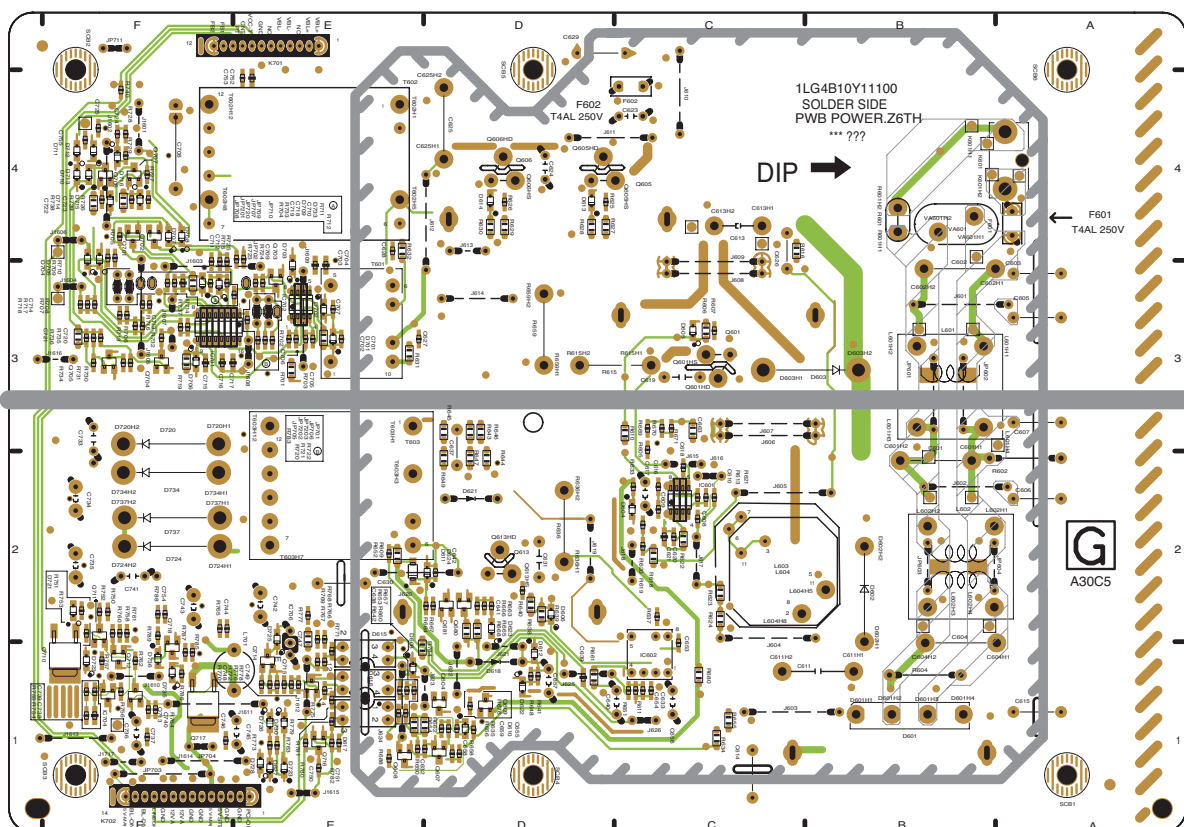
## DIGITAL BOARD SOLDER SIDE



## POWER BOARD PARTS SIDE



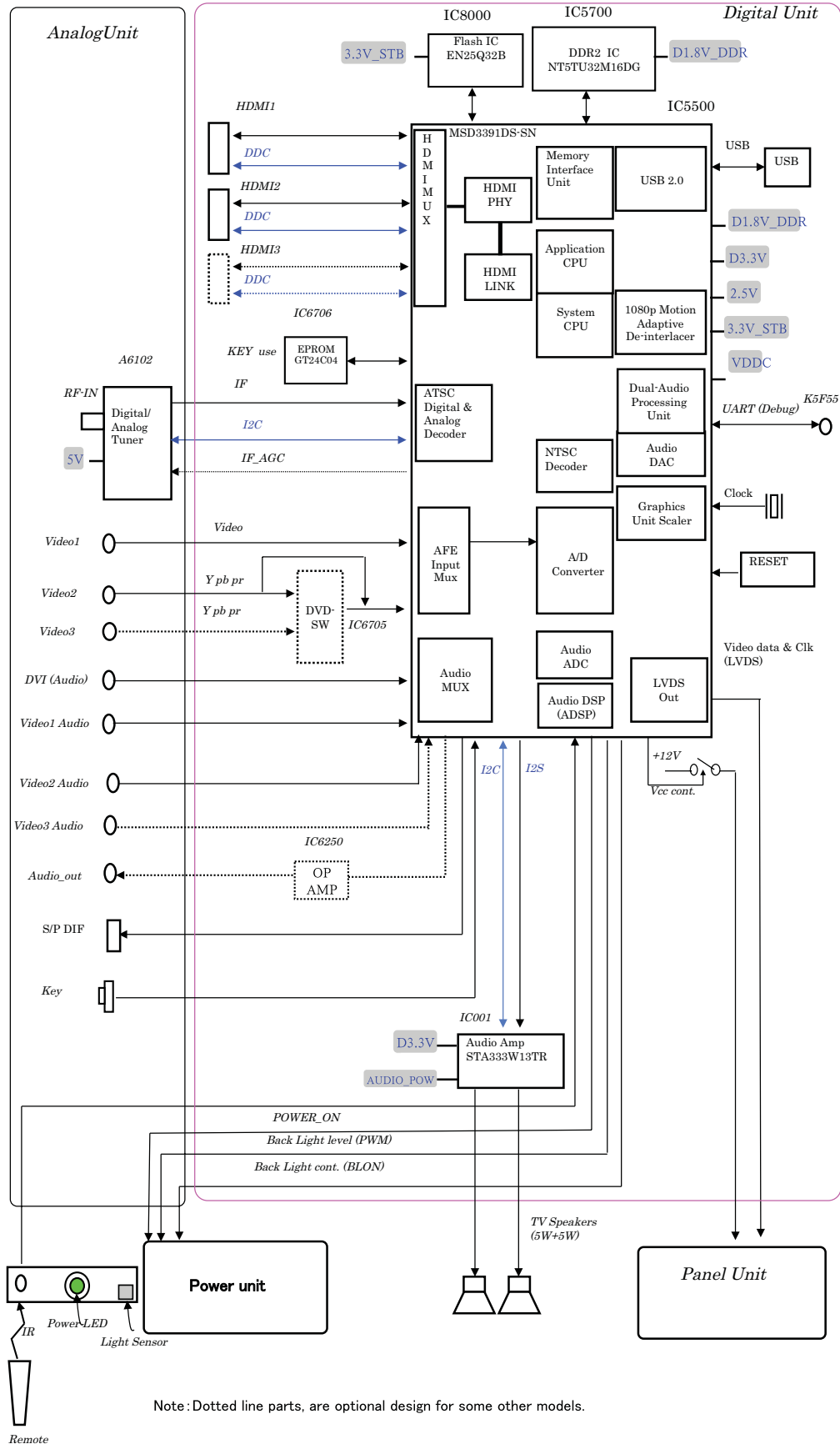
## POWER BOARD SOLDER SIDE







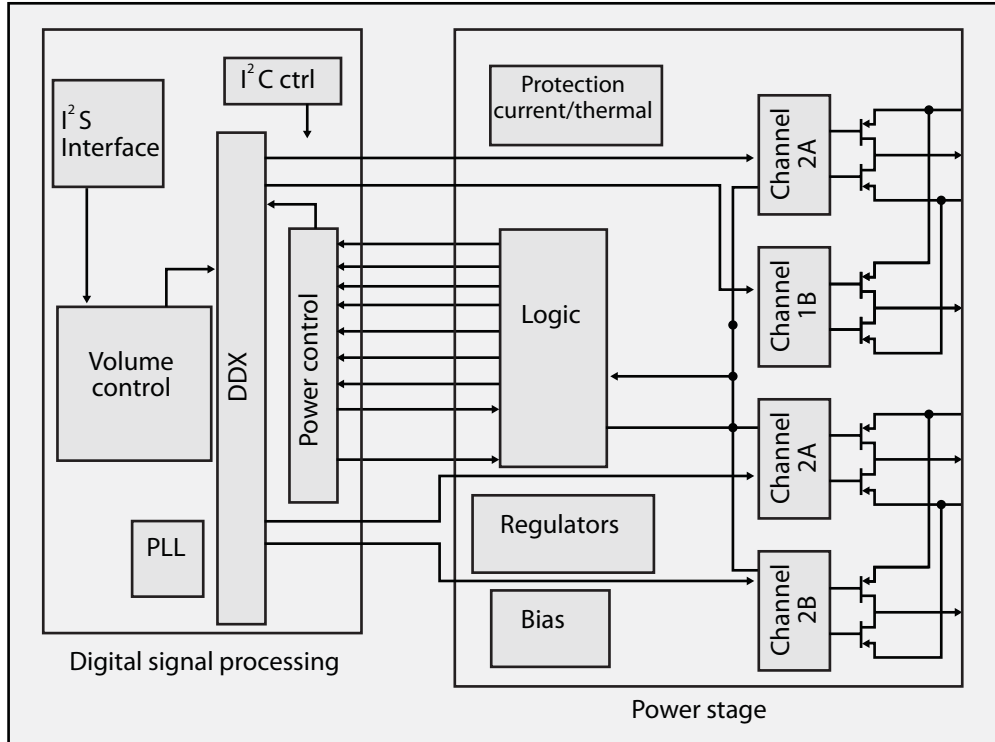
# BLOCK DIAGRAM SIGNAL LINES



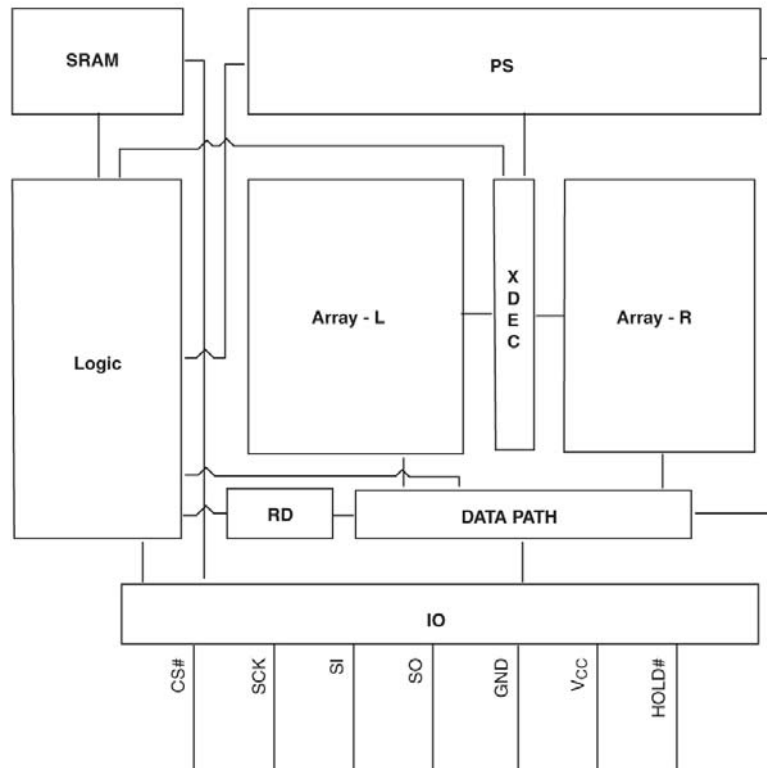


## IC BLOCK DIAGRAMS

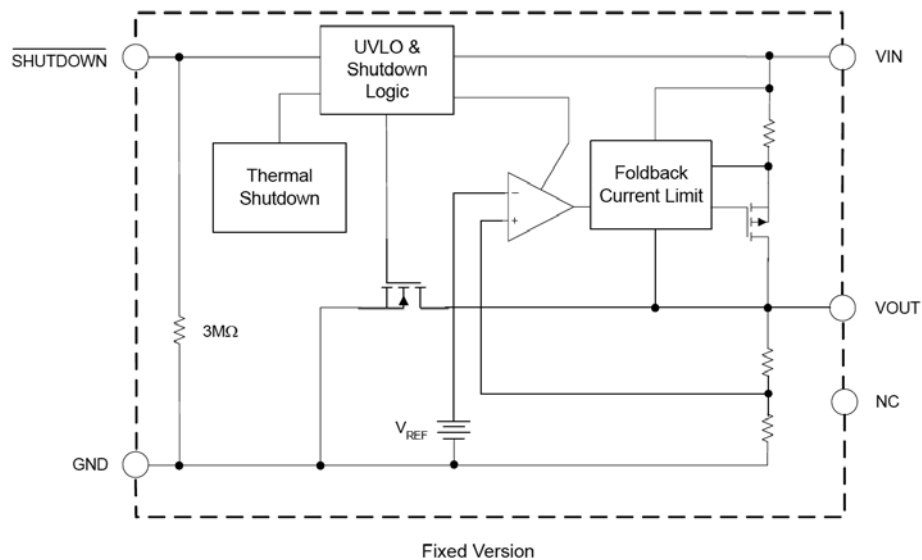
### IC001\_C1AB00003628\_IC STA333W13TR, Audio AMP



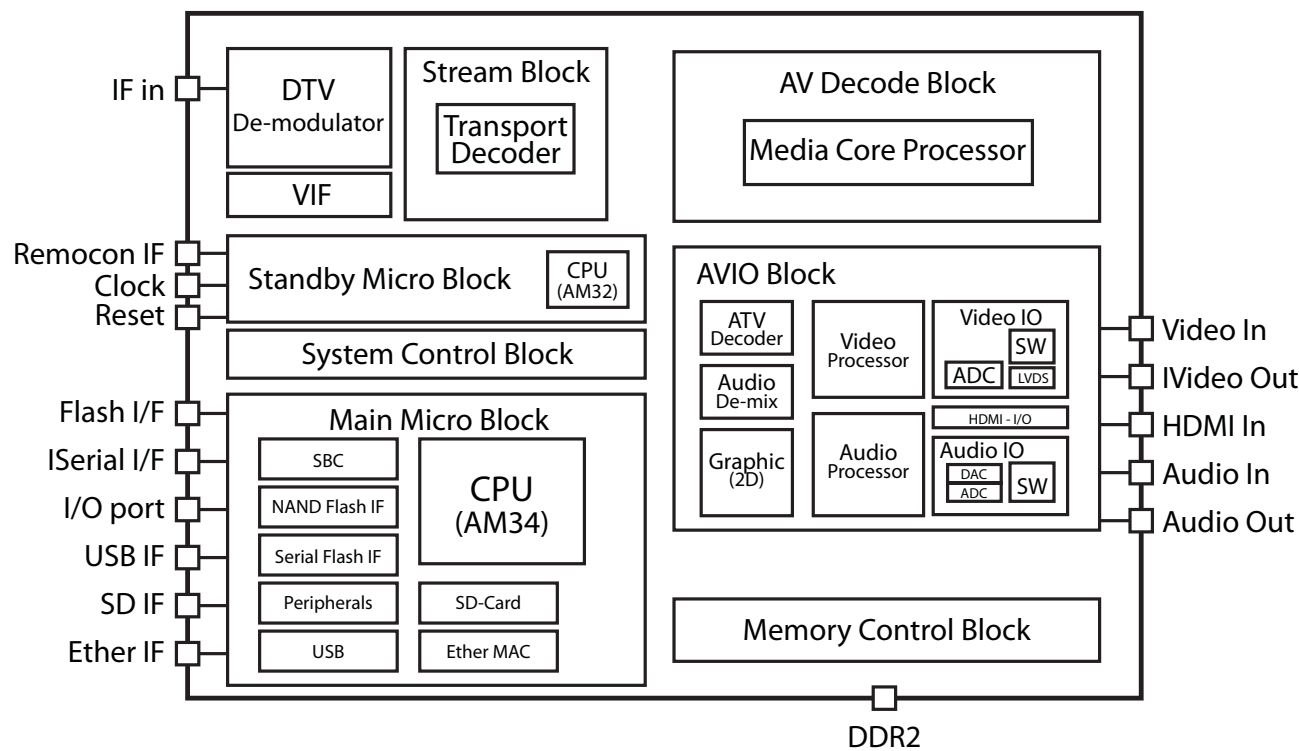
### IC5750, Flash Memory



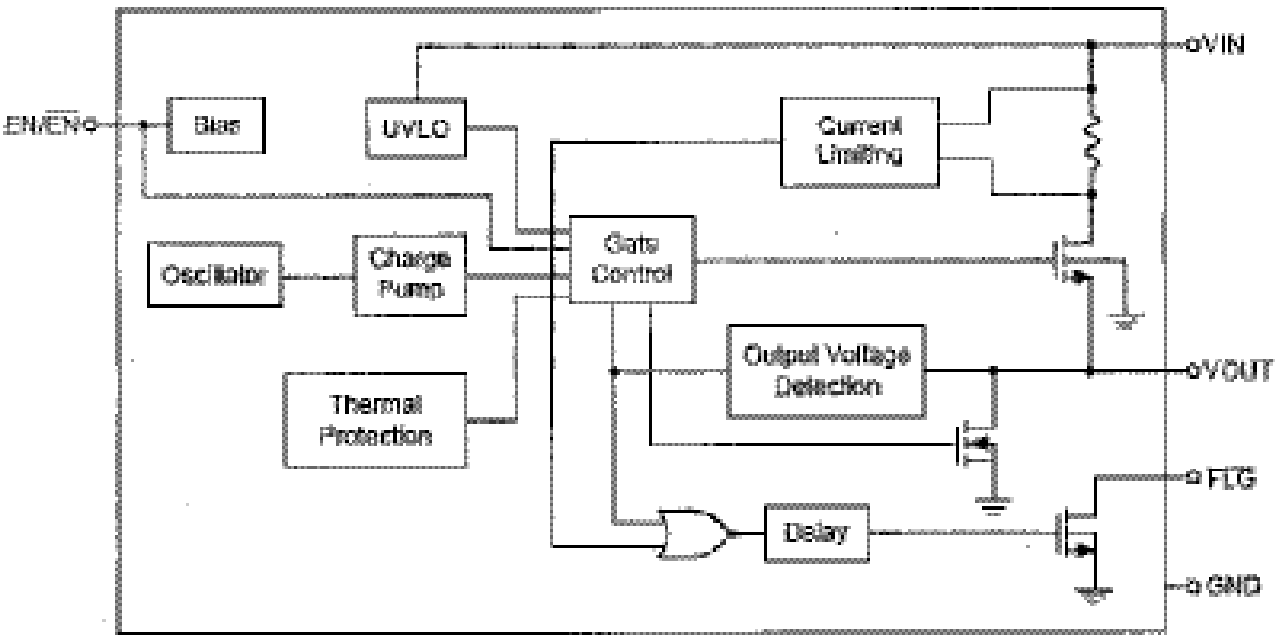
**IC6750\_C0DBGYY02242\_AP2128K-ADJTRG1**



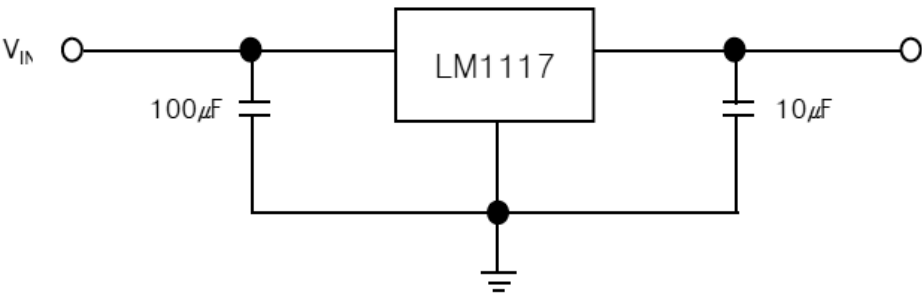
**IC5500 Main Chip signal processor**



IC6600\_C0DBZYY00485, USB Protection

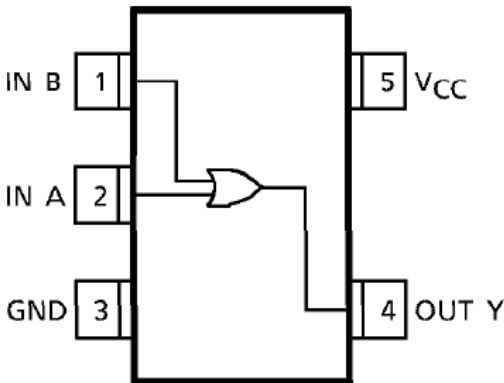


IC6700\_C0CBAYG00009\_LM1117S-ADJ

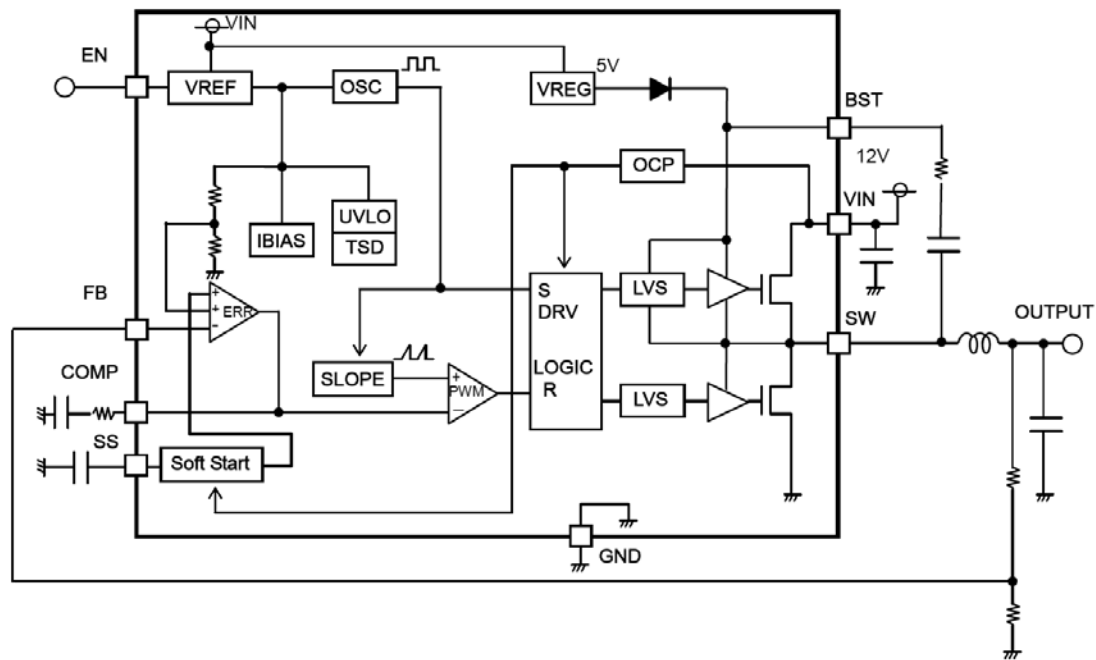


IC6560\_C0JBAA000502\_TC7SET08FU

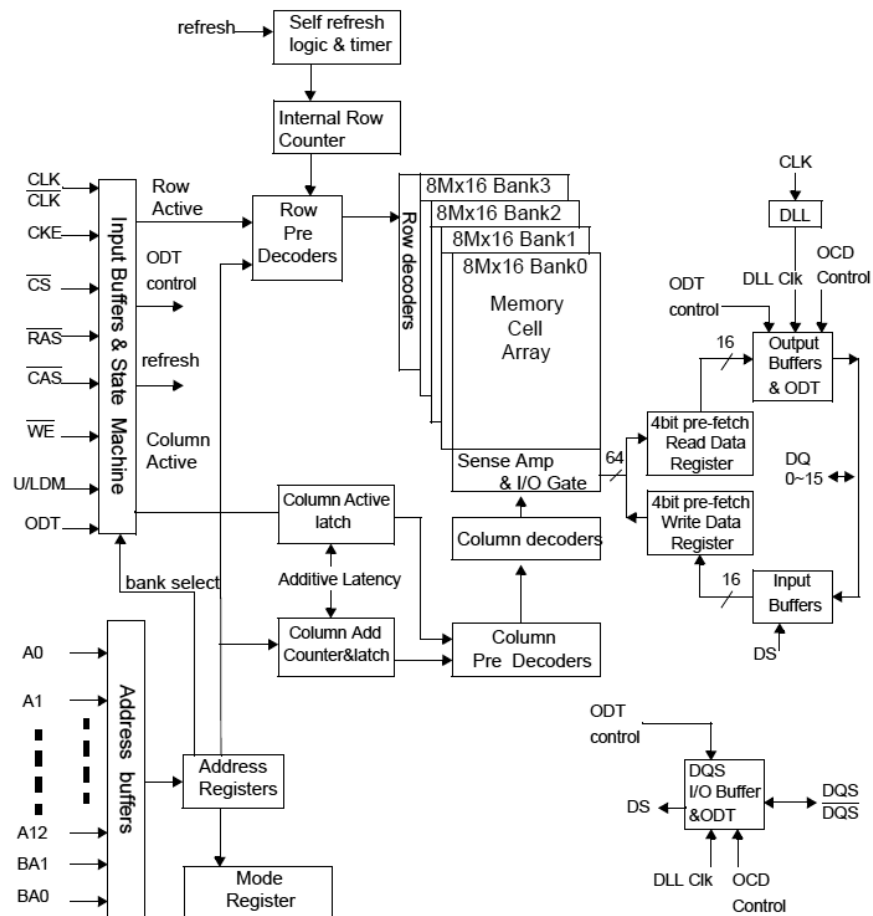
PIN ASSIGNMENT (TOP VIEW)



## IC6720\_C0DBAYY01122\_BD9328EFJ-E2

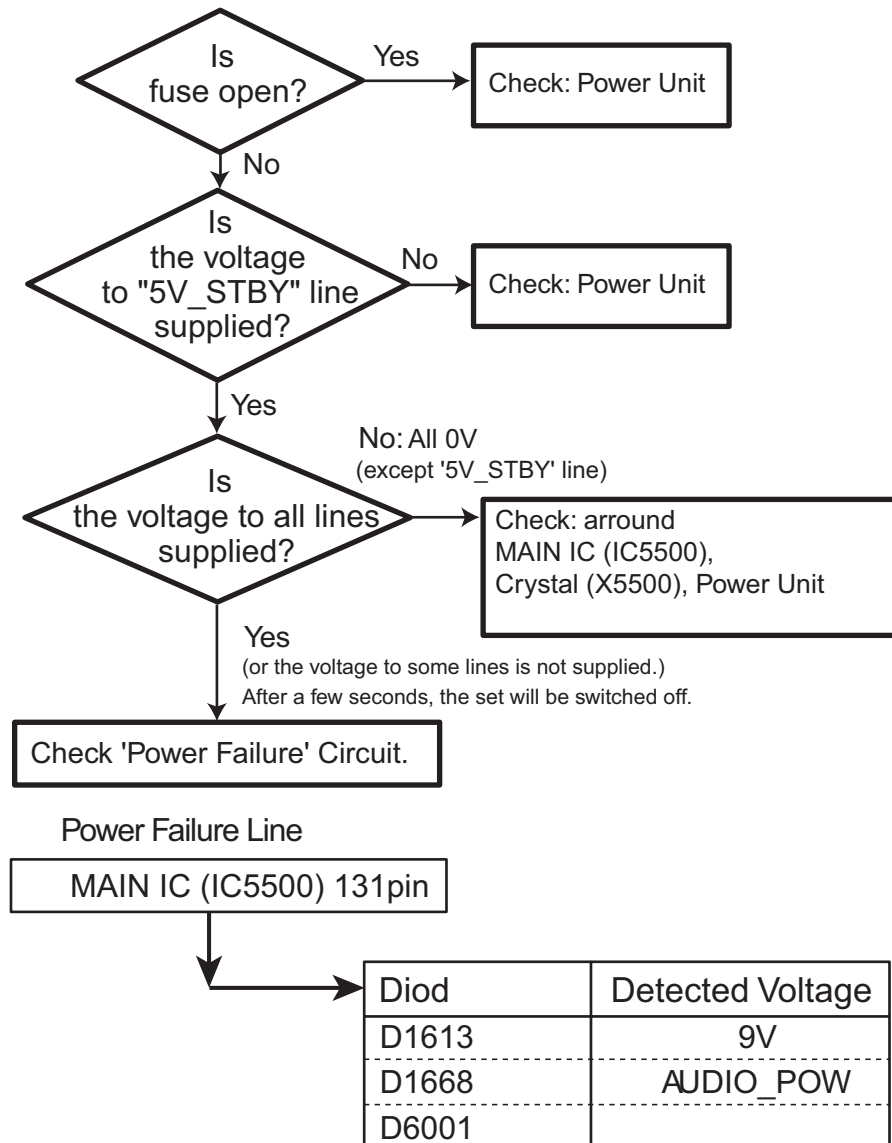


## IC5700\_C3ABSY000102\_IC H5PS5162GFR-S6C

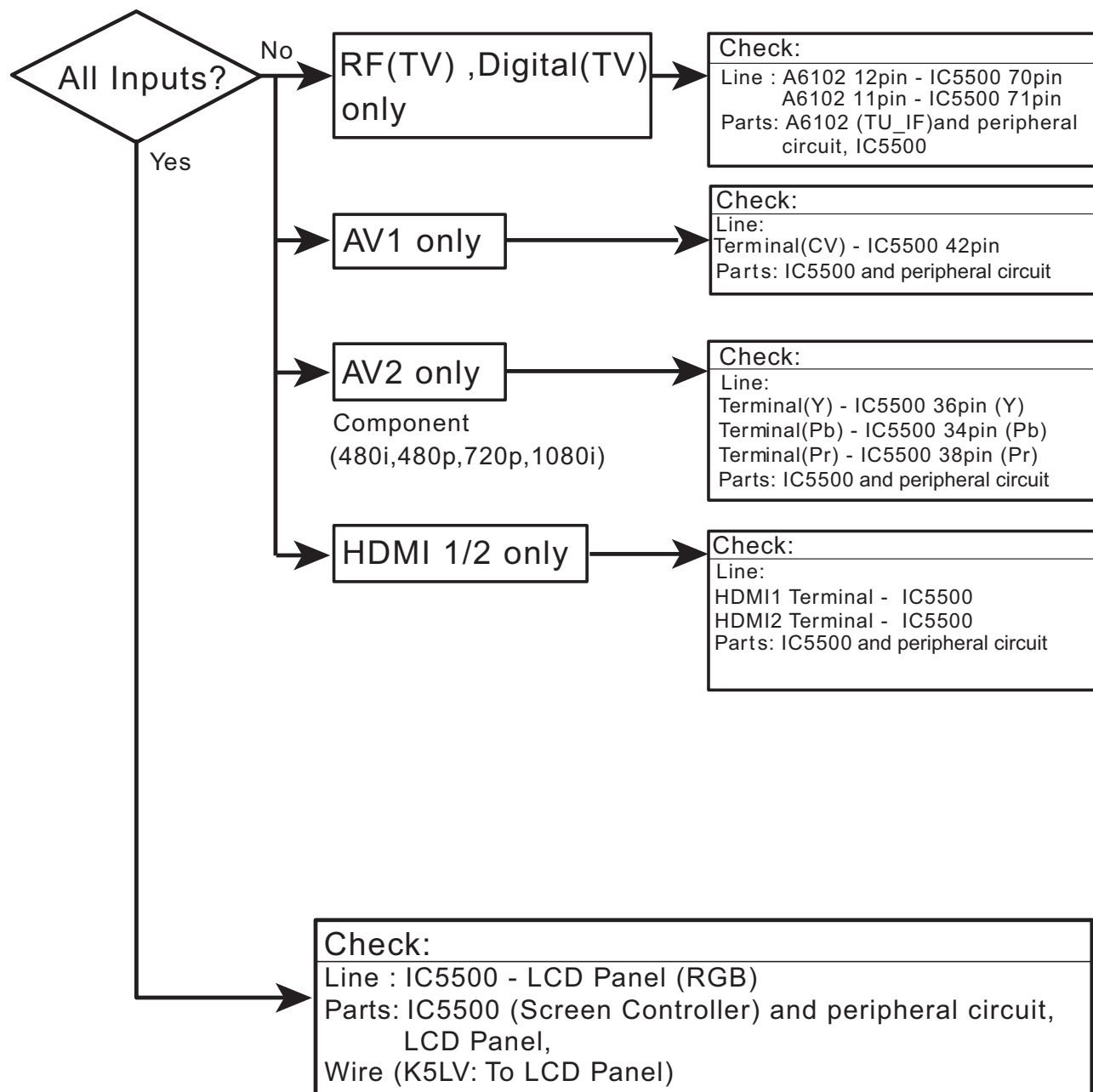


# TROUBLESHOOTING FLOW CHARTS

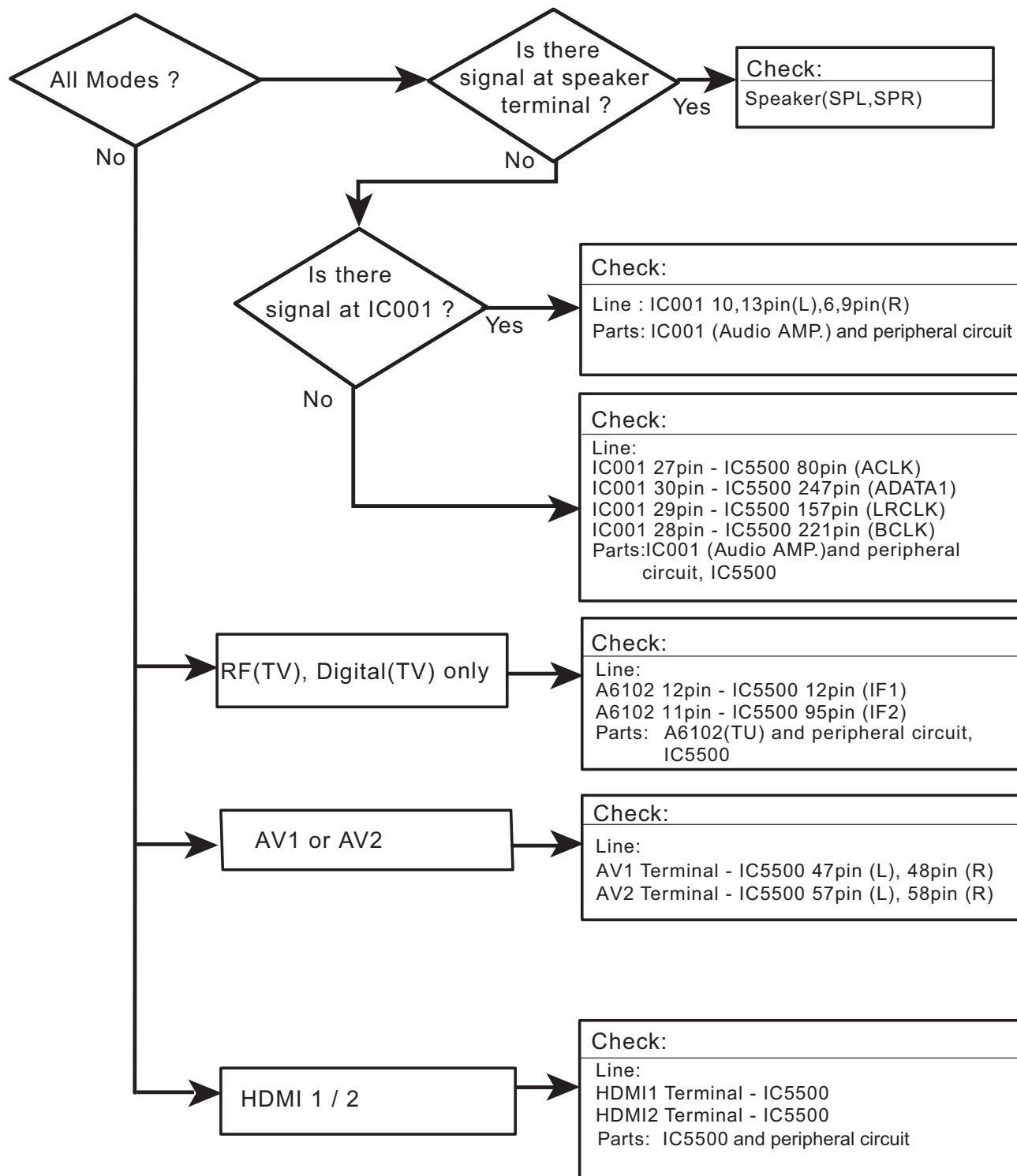
## NO POWER



## NO VIDEO



## NO AUDIO



## SCHEMATIC NOTES

### NOTES ON SCHEMATIC DIAGRAMS

1. All resistance values in ohms K=1,000 M=1,000,000.
2. Resistors specified with resistance value are "1/6DJ."
3. Resistors specified with type of resistor, tolerance and resistance value are "1/4."
4. Unless otherwise noted on schematic, all capacitor values less than 1 are expressed in  $\mu\text{F}$  (Micro Farad), and the values more than 1 are in pF.
5. All capacitors are 50 WV rating unless otherwise noted.
6. Unless otherwise noted on schematic, voltage reading taken with VOM from point indicated to chassis ground. Voltage reading taken using color-bar signal VHF channel 5, all controls at normal. Line voltage at 120 volts. Some voltages may vary with signal strength.
7. Waveforms were taken with color-bar signal and controls set for normal picture. Waveforms marked with an \* may vary with signal strength.
8. The Symbol  indicates a fusible resistor, which protects the circuit from possible short circuits.
9. Parts enclosed with  are related with X-radiation.
10. Isolation border line.  Cold Side  Hot Side
11. Schematic part location numbers may not always match the schematic symbols.  
The schematic symbols and part descriptions are correct and should be used.  
The part descriptions will be listed under the location number in the parts list.



### ELECTROSTATICALLY SENSITIVE DEVICES

Many solid-state devices (especially Integrated Circuits) are Electrostatically Sensitive, and, therefore, require special handling techniques as described under "Servicing Electrostatically Sensitive Devices," on page two in this service literature.

### SERVICE NOTES:

1. When replacing parts on circuit boards, clamp the lead wires to terminals before soldering.
2. When replacing high wattage resistors on circuit board, keep the resistor body 10 mm (3/8) from circuit board.
3. Keep wires away from high voltage and high temperature components.

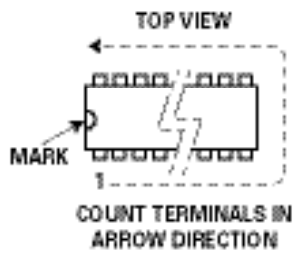
### PRODUCT SAFETY NOTICE

THE COMPONENTS DESIGNATED BY A  ON THIS SCHEMATIC DIAGRAM DESIGNATE COMPONENTS WHOSE VALUES ARE OF SPECIAL SIGNIFICANCE TO PRODUCT SAFETY. SHOULD ANY COMPONENT DESIGNATED BY A  NEED TO BE REPLACED, USE ONLY THE PART DESIGNATED IN THE PARTS LIST. DO NOT DEVIATE FROM THE RESISTANCE, WATTAGE AND VOLTAGE RATINGS SHOWN.

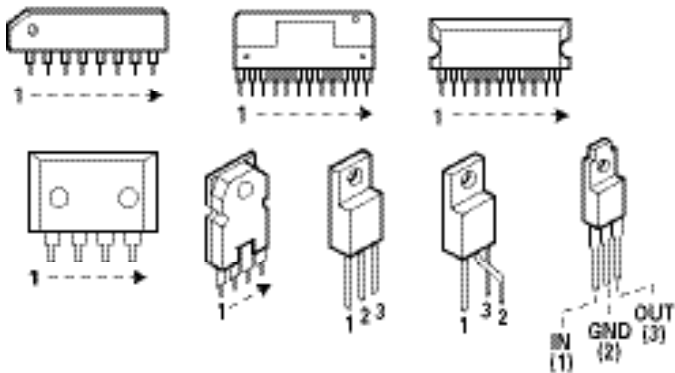


# IC, DIODE, AND TRANSISTOR PIN LAYOUTS

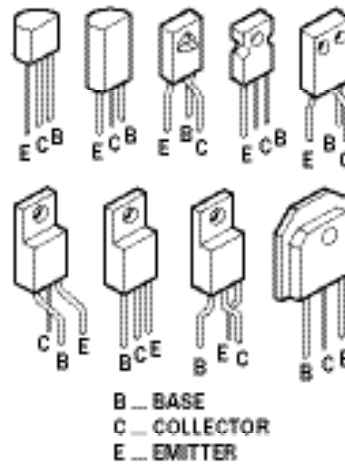
## INTEGRATED CIRCUITS



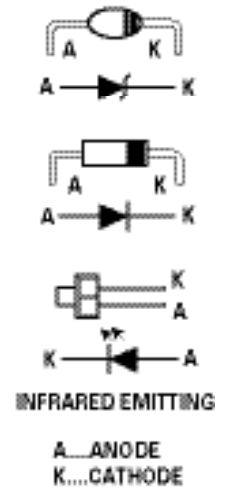
### SIDE VIEW



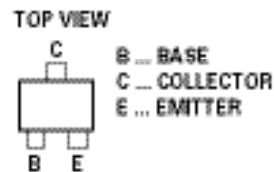
## TRANSISTORS



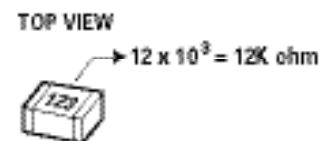
## DIODES

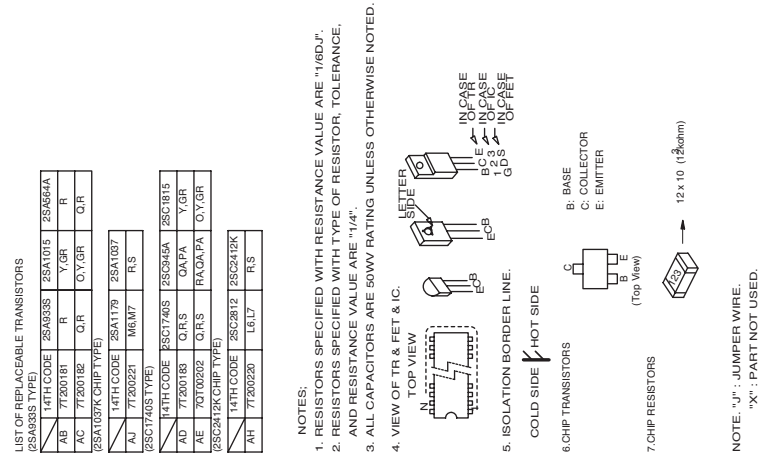


## CHIP TRANSISTORS



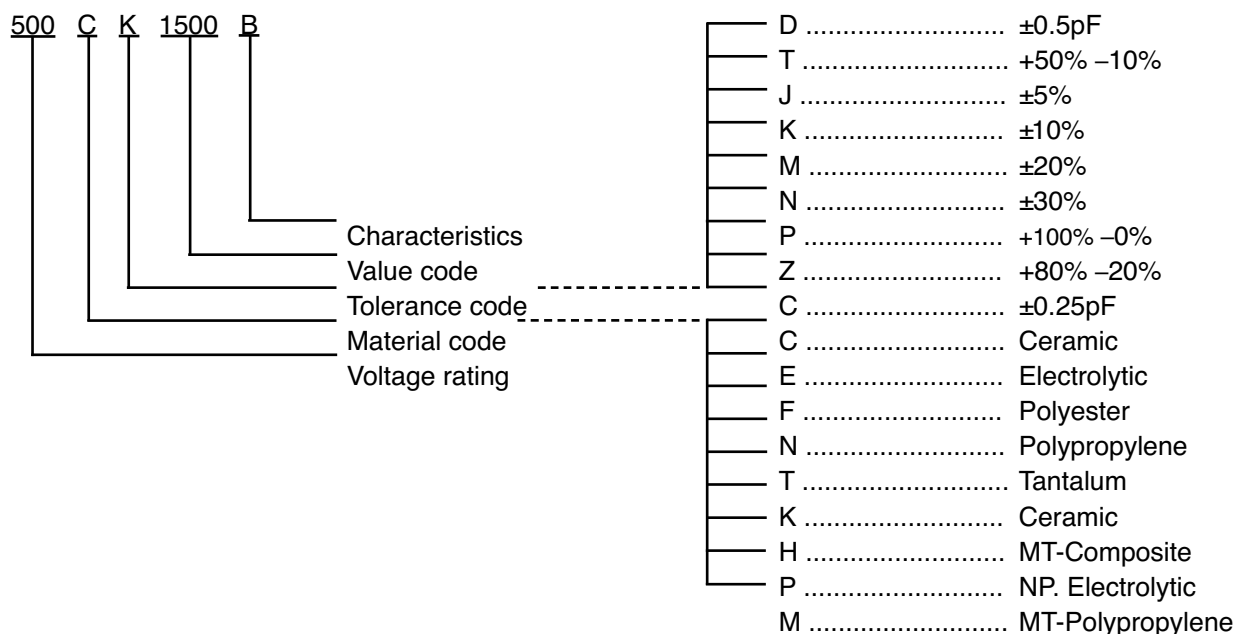
## CHIP RESISTORS



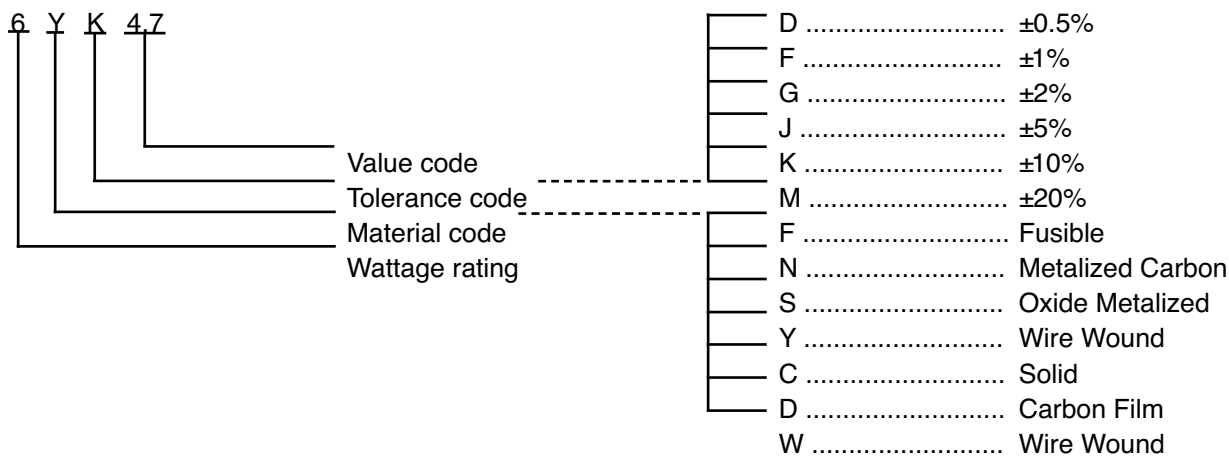


## CAPACITOR AND RESISTOR CODE CHART

### CAPACITOR (Example)



### RESISTOR (Example)

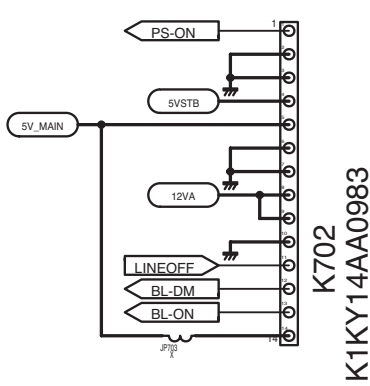
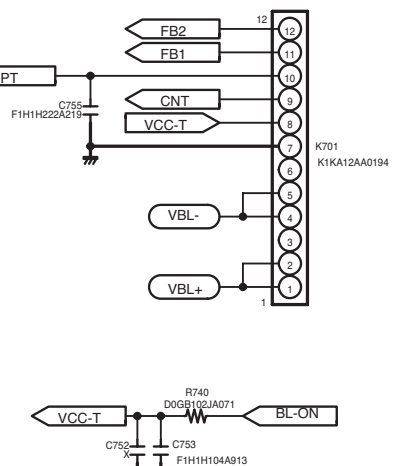


For parts or service contact

**Sanyo Manufacturing Corporation**  
**P.O. Box 2000**  
**3333 Sanyo Road**  
**Forrest City, Arkansas 72335-2000**

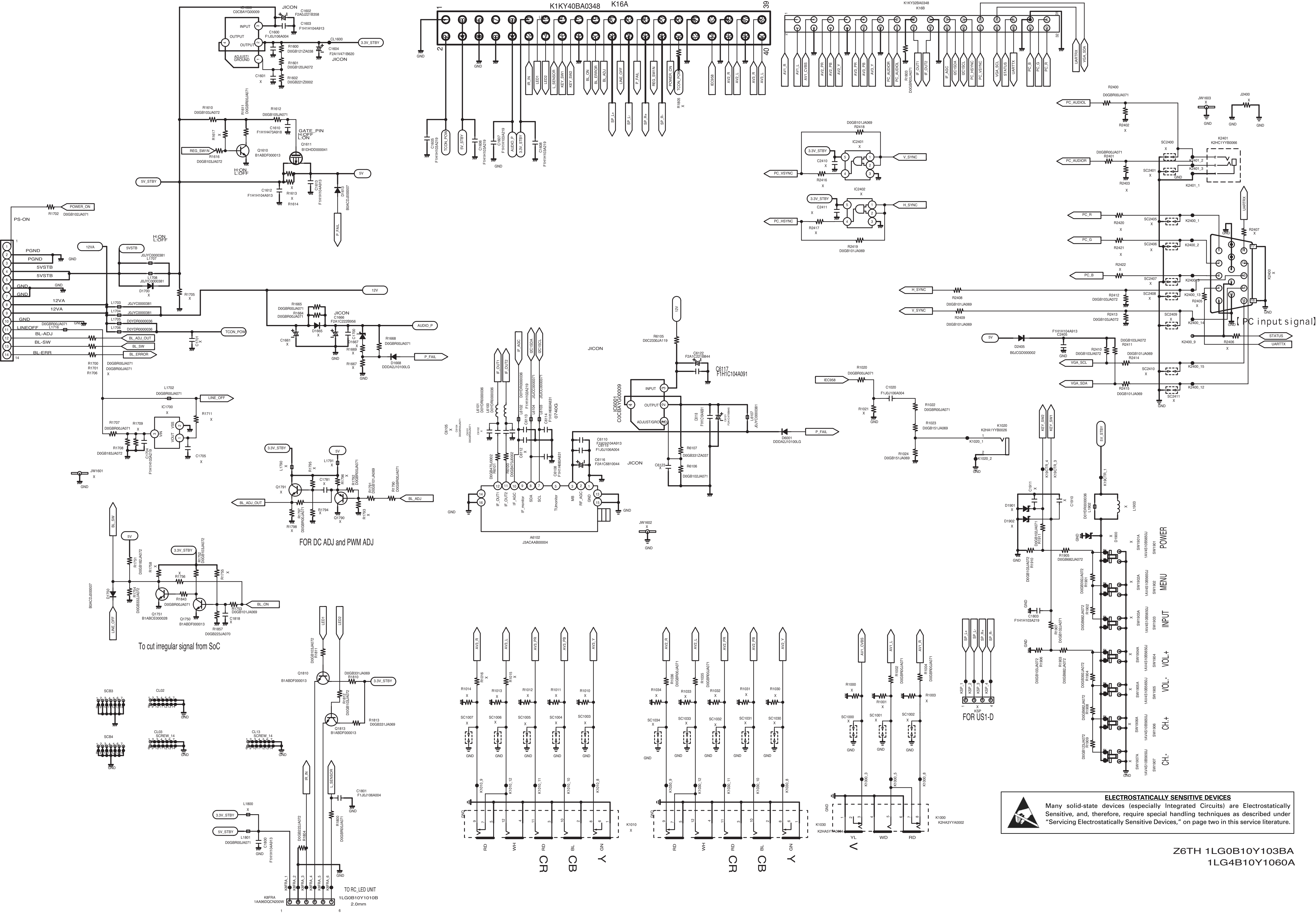






Z6TH 1LG0B10Y11600  
Z6TH 1LG4B10Y11100





**ELECTROSTATICALLY SENSITIVE DEVICES**  
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Z6TH 1LG0B10Y103BA  
1LG4B10Y1060A



**ELECTROSTATICALLY SENSITIVE DEVICES**

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